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ABSTRACT

Fulbright awards for study abroad for 1981-82 are listed by country and program area, and information is provided on eligibility requirements, application procedure, terms of award, and factors affecting selection for American scholars. Most of the awards listed are for more or less specific fields or disciplines, but some teaching and research awards are available with little or no restriction as to field. Area programs include Sub-Saharan Africa, American Republics, and Near East/South Asia. Non-Fulbright Programs include Indo-U.S. Subcommission research fellowship, NATO research fellowships, and Spain Treaty research fellowships for Spain. An index by discipline area is included. (SW)

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COUNCIL FOR INTERNATIONAL EXCHANGE OF SCHOLARS
ELEVEN DUPONT CIRCLE, N.W., WASHINGTON, D.C. 20036

The Fulbright Program is authorized by Public Law 87-256, the Mutual Educational and Cultural Exchange Act of 1961. The purpose of the program is "to enable the government of the United States to increase mutual understanding between the people of the United States and the people of other countries." Grants are made to U.S. citizens and nationals of other countries for a variety of educational activities, primarily university teaching, advanced research, graduate study, and teaching in elementary and secondary schools.

The Board of Foreign Scholarships (BFS), composed of twelve educational and public leaders appointed by the President of the United States, develops program policy, supervises academic exchanges, and selects the participating individuals and institutions.

The International Communication Agency (ICA), which was established in 1978 merging the functions of the United States Information Agency and those of the Bureau of Educational and Cultural Affairs of the Department of State, administers the program with the assistance of binational educational commissions and foundations in more than forty countries which have executive agreements with the United States for continuing exchange programs, United States embassies in more than fifty other countries, and three major cooperating agencies in the United States.

The Binational Commissions and Foundations propose the annual country programs which set forth the numbers and categories of grants, based on requests from local institutions, review applications of nominated Americans and arrange or confirm their academic affiliation, make travel arrangements for grantees and their families and provide orientation and facilitative services. In a country without a commission or foundation, the U.S. embassy develops the program and supervises it locally.

The Council for International Exchange of Scholars (CIES) is the principal private agency cooperating in the administration of Fulbright grants for university teaching and advanced research. CIES was established in 1947 by the Conference Board of Associated Research Councils—the American Council on Education, the American Council of Learned Societies, the National Research Council, the Social Science Research Council. It is currently administered by the American Council on Education.

Other agencies cooperating in administering portions of the Fulbright program are: Institute of International Education (809 United Nations Plaza, N.Y., N.Y. 10017) for graduate study or research abroad; Division of International Education, Department of Education (Washington, D.C. 20202) for teaching in elementary and secondary schools abroad, summer seminars abroad, and doctoral dissertation and faculty research abroad.

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AWARDS FOR AMERICAN SCHOLARS

This booklet lists Fulbright awards for 1981-82. A form to request additional information and an application packet is on the back cover.

The majority of the grants are for the academic year of the host institution or country -- September or October 1981 to June or July 1982 in the Northern Hemisphere, otherwise for a period within the calendar year 1981, as specified in this announcement. Grants for periods shorter than an academic year are available in a number of countries. Applications are not accepted for attendance at international conferences or for summer grants, unless specified.

All announced grants are subject to the availability of funds and changes in program priorities. The number of grants for most countries is not known definitely until after the annual appropriation for the exchange program is made by the U.S. Congress. Some countries share the cost of the program with the U.S. and their contributions also affect the number of grants.

ELIGIBILITY REQUIREMENTS

- United States citizenship at the time of application
- For lecturing -- usually postdoctoral college or university lecturing experience in the field of application
- For research -- a doctorate at the time of application, or comparable professional qualifications
- In some cases, proficiency in a foreign language

APPLICATION PROCEDURE

Only one application may be filed in an annual competition, but applicants may name up to three alternative countries. Applicants are considered initially for the country of first choice. Alternative country choices are considered only if openings remain after the review of applicants who have named these countries as their first choice.

Since some teaching awards are not filled through applications received in the general competition, and since new openings occur throughout the year, inquiries about making application are welcome at any time. Late applications are not usually accepted for research awards because of the keen competition for them. Late application may sometimes be made for travel-only grants, but these grants are available for only a few countries and applicants must have adequate financial support and pre-arranged institutional affiliation abroad.

APPLICATION DUE DATES FOR PRINCIPAL COMPETITION:

JUNE 1, 1980 FOR AMERICAN REPUBLICS, AUSTRALIA AND NEW ZEALAND

JULY 1, 1980 FOR AFRICA, ASIA AND EUROPE

Other due dates are designated for certain awards. Preference is given to applications received by the due date, but for teaching awards in the American Republics, African, Asian and East European countries, later applications are often accepted. Inquiries are welcome at any time.

To obtain application forms and further information on awards in one or more countries, prospective applicants should return the request form on the back cover. Multiple letters or queries are not necessary to obtain descriptions and award terms for several countries; available information requested will be forwarded by CIES with the application packet. If questions arise which are not covered in the CIES literature, prospective applicants may direct correspondence and telephone calls to the appropriate program officer whose names are listed here and in subsequent pages. The Council cannot accept collect calls. All telephone numbers are Area Code 202 833 plus a 4-digit extension.

- William Bate 4969
- Anne Carpenter 4955
- Alla Dombrovsky 4956
- Gary Garrison 4981
- Lydia Z. Gomes 4978
- Marguerite Hulbert 4984
- William James 4990
- Georgene B. Lovecky 4987
- Linda Rhoad 4976
- Gladys Semeryan 4967

TERMS OF AWARD

Most grants are tenable in a single country. Terms differ from country to country but usually include:

- Roundtrip travel for the grantee. With certain exceptions, notably in Western Europe, travel is provided for a principal dependent of a grantee in the teaching category whose appointment is for a full academic year.

- A maintenance allowance, usually in local currency, to cover basic living costs of the grantee and family while in residence abroad. The allowance is not equated to the grantee's salary.

- A dollar supplement for the grantee in the teaching category going to a country outside of Western Europe with certain exceptions.

- A small incidental allowance for travel, books, and services essential to the assignment.

Available details on the terms of award for the countries of special interest will be forwarded with an application packet or may be requested separately.

All scholarships, fellowships, grants or salaries from other sources, in dollars or in foreign currency, received concurrently with a Fulbright grant, must be reported; deductions may be made when there is a duplication of benefits. No deduction is made for sabbatical, leave-of-absence or retirement pay. If there are such funds, however, foundations and commissions in a few countries can sometimes arrange for supplemental funding from local sources for nominees for whom full grants cannot be provided.

Specific grant terms and conditions are issued by the binational commission or foundation abroad, or by the ICA when there is no binational commission or foundation. Details of the assignment, travel arrangements, disbursement of funds, orientation, and other grant-related matters are worked out in correspondence between the grantee and the overseas agency or the ICA.

FACTORS AFFECTING SELECTION

Applications are reviewed by advisory committees of subject-matter and geographical area specialists appointed with the approval of the American Council on Education, the American Council of Learned Societies, the National Research Council, or the Social Science Research Council. Most applicants are notified of CIES action in September/October (American Republics, Australia, New Zealand) or November/December (Africa, Asia, Europe). Applicants nominated by CIES are then considered by the overseas agencies and universities and by the Board of Foreign Scholarships. At every stage in the selection process, consideration is given to a wide range of criteria and factors:

1. Professional qualifications -- Training, academic rank or position, reputation as a teacher, scholar, artist, accomplishments as reflected in publications, exhibition record, compositions, etc. A doctorate is required for most appointments, but for some a master's degree or its equivalent in the field is acceptable, as in the teaching of English as a foreign language. Applicants in the creative arts need not have advanced degrees.

2. Project statement -- The appropriateness of a teaching proposal in terms of the applicant's qualifications and the requirements of the designated country and institution; the merits of a research proposal or an arts project in terms of its (a) feasibility, (b) promise of contribution to the field and/or applicant's professional development, (c) evidence that residence in the country is needed for its accomplishment.

3. Language -- When foreign language competence is required or desirable, the announcement so states and a language proficiency report is required.

4. Limitations of a country program -- Each country program is restricted as to numbers and fields of grants. The number of grants for each country is shown in this announcement. In Western Europe particularly, many openings are for less than an academic year or provide travel only.

5. Previous grants -- In general, preference is given to persons who have not already had a Fulbright lecturing or research grant, though previous grantees may reapply after three years have elapsed. A third senior grant is prohibited unless the applicant is the only well-qualified candidate available.

6. Previous experience abroad -- Other things being equal, when competition is keen and the number of well qualified applicants exceeds the number of opportunities available, preference is given to candidates with little or no recent experience abroad and to those who have not resided for extended periods in the country for which they are applying. However, for certain teaching assignments, usually in developing countries, candidates with relevant experience may be given preference.

7. Invitations -- Overseas universities and Fulbright agencies sometimes express interest in particular individuals. Applications are welcomed from these scholars and others who have prospective affiliations; however, an invitation does not assure selection.

8. Personal qualifications -- Sound physical and mental health, capacity to adapt to new situations, breadth of interests, ability to represent American scholarship and culture. Certification of good health of both candidate and accompanying dependents is required before a grant may be made.

9. Age -- No age limit has been fixed for applicants, but age may be a consideration for certain assignments, for example, for junior lectureships and fellowships for younger scholars, as indicated in a country program.

10. Sex, ethnic origin, religion -- No restrictions. CIES complies with Title VI of the Civil Rights Act of 1964: "No person in the United States shall, on the ground of race, color, sex, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance."

11. Broad geographic distribution of grantees by home state and institution is sought to the extent permitted by requirements of country programs and established selection standards.

12. Veterans -- Given preference, other factors being equal.

OTHER CIES INFORMATION AVAILABLE

American Fulbright Scholars: University Lecturing and Advanced Research Abroad. Issued in September of each year, 60 pp.

Directory of Visiting Fulbright Scholars. Published annually in October, 76 pp.

APPLICATIONS IN ANY FIELD

Most of the awards listed in the following pages are for more or less specific fields or disciplines, but some teaching and research awards are available with little or no restriction as to field. The following area and country listings provide details. Travel-only grants are indicated by an asterisk. Also see the Index entry for Area and Country Studies.

Africa, lecturing
American Republics, research
Australia
Austria*, research
Belgium
Brazil*
Egypt
France
Germany
Greece, research
Hungary, lecturing
Iceland, research
India
Indo-U.S.
Israel*, research
Italy*, science and technology
Korea
Morocco
Netherlands
New Zealand
Norway
Pakistan
Romania, research
Spain, non-science research
Sweden
Syria
Turkey
U.S.S.R.
United Kingdom
Yugoslavia*

AFRICA, SUB-SAHARAN

Linda Rhoad

GENERAL INFORMATION Most American embassies in African countries consult with universities regarding lecturing needs for which Fulbright professors are desired. The requested assignments are listed in this booklet. Some requests are later cancelled or changed and additional requests are received after the general announcement is prepared; hence the Council accepts applications and makes nominations in unprogrammed as well as requested fields. A scholar in any field is invited to offer a lecturing proposal for any participating country listed below. Fields of most interest in the unprogrammed category are those pertinent to national development, such as economics, business administration, accounting, public administration, education, agriculture, engineering, government, mass communications, and physical and biological sciences. Scholars chosen for lectureships often have time and opportunity for limited research.

As a rule, funds are available to support only two or three grants in each country and are normally used for awards in requested fields but candidates in unprogrammed fields may on occasion be funded under the following circumstances:

a) The host institution prefers a candidate in an unprogrammed field to a candidate in the field originally requested.

b) An institution interested in a nominee may negotiate with the nominee concerning direct employment. Most African universities seek by direct recruitment faculty in a wide range of fields.

c) The Fulbright program and a host institution may combine resources to provide support for two or more visiting professors, rather than a single Fulbright lecturer.

Universities in Africa are in various stages of development. CIES has found that the scholars who thrive at such institutions are those open to change, flexible as to their duties, and excited by the opportunity for personal growth in adapting to different living conditions. Scholars with interests in curriculum development and those with research more dependent on field work than on library resources are more apt to be satisfied.

Some previous experience in Africa is an asset in the competition, but those who have spent the major part of the past five years outside of the U.S. or whose academic experience has been primarily

in Africa are ordinarily at a disadvantage, since one of the purposes of the program is to increase the number of Americans who have an opportunity to teach or study abroad.

Those who know that African institutions are interested in their specializations are encouraged to apply. Those with invitations and offers of salary from African universities may apply for partial awards (travel funds and supplemental support for maintenance); a copy of the letter of invitation should be included. An invitation does not assure nomination, however.

PARTICIPATING COUNTRIES Scholars must have proficiency in French for the countries marked with an asterisk. Countries in capital letters accept candidates in requested fields only.

Botswana	Ghana	Mauritania*	SWAZILAND
Burundi*	Guinea*	MAURITIUS	Tanzania
CAMEROON*	Ivory Coast*	Niger*	Togo*
Central African Republic*	KENYA	Nigeria	Upper Volta*
Chad*	Lesotho	Rwanda*	Zaire*
Congo*	Liberia	SENEGAL*	Zambia
Gabon*	Madagascar*	Sierra Leone	
	Malawi	Somalia	

COUNTRY PROGRAMS AWAITED At publication date CIES had not received requests for appointments from Botswana, Burundi, Central African Republic, Chad, Ghana, Guinea, Kenya, Madagascar, Malawi, Mauritius, Nigeria, Sierra Leone, Somalia, Togo, Uganda, and Zaire. These countries are expected to have 1981-82 openings; inquiries are welcome.

ALGERIA — Gary Garrison

One award, Oct 1981-June 1982. Ph.D. or M.A. Conversational French or Arabic required. Assignment at several institutions, residence in Algiers. $1800/mo plus 15% cost of living.

ENGLISH FOR SPECIAL PURPOSES/TEFL Consult on curriculum design, methodology, and materials; conduct in-service teacher training seminars; participate in professional English teaching seminars.

AMERICAN REPUBLICS RESEARCH — Anne Carpenter, Alla Dombrovsky

Ten or more postdoctoral research awards in any field, each for six months, in any of the following countries: Brazil, Mexico, Spanish-speaking countries of Central and South America (except Argentina which offers open research grants under its own program), Dominican Republic, Guyana, Haiti, Jamaica, Surinam, Trinidad-Tobago. Preference may be given to scholars whose projects involve collaboration with colleagues in host country and who are willing to give occasional lectures in field of specialization. Applications due June 1, 1980.

ARGENTINA — Alla Dombrovsky

Up to 7 lectureships, one research award. Affiliation with one or more institutions, but due to space limitation only one named in most cases. Ph.D., rank of assistant professor or higher, and considerable teaching experience required for all lecturing assignments. Spanish essential unless otherwise specified. Applications due June 1, 1980.

AGRICULTURAL SCIENCES Lecture and research in new techniques. Natl U Buenos Aires and Natl Institute of Technical Agriculture at Castelar.

AMERICAN LITERATURE and CULTURE Trends in contemporary fiction, poetry and criticism in U.S., theory and methods of literary analysis, thematic approaches to American literature. Graduate seminars at Teacher Training Institute, Buenos Aires, Natl U Buenos Aires and Natl U La Plata. Also participate in annual seminar of Association of American Studies and offer public lectures and short seminars in area of specialization. U Buenos Aires. Spanish helpful but not required. Four months from mid-march or mid-July, 1981.

CHEMICAL ENGINEERING Graduate seminar in optimal control by means of computers, advanced control methods, or linear and non-linear system modeling. Natl U Litoral Santa Fe. Aug-Nov 1981.

ECONOMICS Graduate and undergraduate courses for accountants, masters in economics and business administration. Natl U Cordoba. Four months from mid-March or mid-July, 1981.

POLITICAL SCIENCE Lecture and research. Natl Institute of Public Administration. Topics and dates to be arranged.

SOIL SCIENCES Undergraduate courses in edaphology and graduate seminar on soils derived from volcanic ashes. Natl U Comahue. Six months beginning Jan 1981.

INTERNATIONAL RELATIONS Undergraduate course and graduate seminar at U Belgrano's new Department of International Relations.

ARGENTINE STUDIES Three-month award. Independent or collaborative research in any subject relevant to Argentina.

AUSTRALIA — William Bate

Nineteen senior and postdoctoral awards for research and lecturing within Jan-Dec 1981. Because of the early starting date of the Australian academic year, applications are screened in July, ahead of those for other countries. Applications due June 1, 1980.

In most instances, host universities have identified suitable scholars and have encouraged them to apply. Although preference will be given to positions listed below, applications in any field are welcome, particularly those in American and Australian studies. Senior scholars are preferred for all openings except those designated as postdoctoral fellowships. Applicants for the latter should be recent Ph.D.s and must have the degree by June 1, 1980.

AMERICAN LITERATURE Lectures and research in various area of contemporary American literature. U Adelaide.

ENGLISH LITERATURE "New Literatures in English;" literary and cultural backgrounds and post-colonial English language writing. Flinders U of South Australia.

ARCHITECTURE Development of first graduate course in building preservation and restoration in Australia. U New South Wales.

RACE RELATIONS Studies in racism, race relations and the law. Emphasis on the role of law and sociology as potential instruments of change in race relations and on the images of minorities pervading the majority culture. La Trobe U.

LAW Comparative developments in securities and corporation laws in the U.S. and Australia. U Melbourne, Monash U.

LABOR RELATIONS Collaborative development of methods for comparative analysis of industrial relations in Asian-Pacific region and of cultural determinants in American and Japanese labor relations practices in Australia. Monash U.

TOWN PLANNING Relationship between energy conservation and the design of residential environments. Participation in research design and data analysis; occasional lectures and seminars. U New South Wales.

VIROLOGY Postdoctoral fellowship. Isolation, characterization and comparison of viruses from Australian and Hawaiian drosophilids. Australian National U.

PLANT PHYSIOLOGY Communication between mesophyll tissue and guard cells, in particular the regulation of stomatal action by chemical or physical signals transmitted from the photosynthetic metabolism in the leaf mesophyll tissue. Assay significance of certain chemical compounds and biophysical stimuli using isolated guard cells in vitro. Australian National U.

CELL BIOLOGY Biosynthesis of cell wall polysaccharides, arabinogalactan-containing proteoglycans and glycoproteins, investigated in in vitro preparations from tissue cultured cells of Lolium multiflorum endosperm and in vivo using suspension cultured cells of Prunus avium. Focus on the role of lipid-linked saccharides in the biosynthetic programs using specific antibiotic inhibitors. La Trobe U, U Melbourne.

PHARMACOLOGY Pharmacokinetic study aimed at identifying the structural basis for excitatory side effects in anesthetic and anticonvulsant drugs. Victorian College of Pharmacy Ltd.

CHEMISTRY Current aspects of the syntheses and physicochemical characterization and bioinorganic chemistry of molybdenum and of copper. Preparation of new compounds of molybdenum and tungsten with sulphur and selenium containing ligands and of copper with binucleating ligands with subsequent characterization of these species by X-Ray diffraction, nmr, epr, magnetochemistry and electrochemical techniques. La Trobe U.

EARTH SCIENCES Application of new approaches to pelitic regional metamorphic rocks in north Queensland. Application of theoretical concepts of non-equilibrium thermodynamics and steady state diffusion to mechanisms of metamorphic reaction and crystal growth. James Cook U of North Queensland.

EARTH SCIENCES Multi-disciplinary program on Australia's salt lake systems. Scholar to provide the basic integration of geochemical and mineralogic data necessary to permit interpretation of the past record in light of present day processes. Australian National U.

COMPUTER SCIENCE Postdoctoral fellowship. Development of complex software systems, with particular attention to the role of "information hiding" as a basis for large systems. Scholar should have expertise in computer architecture, operating systems, language design, or software engineering. Monash U.

MATHEMATICS Theoretical and computational aspects of the analysis of multivariate categorical data. Collaboration with Faculty of Medicine on application of this methodology and other techniques for analyzing large data sets obtained in epidemiological studies. U Newcastle.

PHYSICS Collaboration with gravitational radiation research group to help solve specific problems associated with gravitational radiation antennae. Lectures on experimental general relativity. U Western Australia.

SOIL SCIENCE Evaluation of U.S. soil taxonomy as a classification tool for subtropical soils; instruct local pedologists in field use of U.S. soil taxonomy, determine relevance to Australian land use

experience, and demonstrate modifications necessary to accommodate Australian soils. CSURI, Dept of Primary Industry, U Queensland.

EDUCATIONAL ADMINISTRATION Development of a model of school functioning involving broad public policy. Deakin U.

EARLY EDUCATION Early education for the disadvantaged. Programs to date have concentrated on community involvement and on medical and social work with children. Macquarie U.

CURRICULUM DESIGN Postdoctoral fellowship. Research at the primary level, involving curriculum theory and construction generally, with specific attention to comparative primary curricula of the U.S., the U.K. and Australia. Claremont Teachers College, Western Australia.

MATHEMATICS EDUCATION Postdoctoral fellowship. Investigation of the effectiveness of the clinical intervention model of research in the discipline of mathematics education. Focus on the planning and implementation of research in a clinical setting in a specific content area of mathematics education. Kelvin Grove College of Advanced Education.

ORGANIZATIONAL ADMINISTRATION Review first year program of School of Social and Industrial Administration, current teaching program, and new third year courses. Also comparative American-Australian organizational studies. Griffith U.

OIL SHALE ENGINEERING Postdoctoral fellowship. Comparative study of technological problems involved in oil shale processing in Australia and the USA. Focus on key technological and environmental problems and on the development of an appropriate research strategy for their solution. U Queensland.

POLYMER SCIENCE Mechanics of polymer extrusion and related processes such as wirecoating. Theoretical methods based on computational models. Assist development of finite element computer programs focused on temperature effects in viscoelastic fluids. U Sydney.

CHEMICAL INSTRUMENTATION Postdoctoral fellowship. Use of microprocessors in chemical instrumentation. Special interest in current approaches to subject in U.S. Deakin U.

PHYSIOLOGY Postdoctoral fellowship. Renal sympathetic nerve activity. Analysis of baroreceptor characteristics and other aspects of autonomic function, including static and dynamic neural responses to various circulatory perturbations and to giving vasoactive drugs. Baker Medical Research Institute.

PHYSIOLOGY Visual system processing of phase and frequency information of images. Preference for scholar with experience in aspects of texture discrimination, spatial information processing, models of visual system functioning in normalcy and pathology, evoked potentials and infant perception. U Newcastle.

BIOCHEMISTRY Postdoctoral fellowship. Biochemistry of bladder stones, comparing the surface and colloid chemistry of insoluble uric acid and urates and materials taken from stones to determine factors which control stone formation in urine. U Western Australia.

AUSTRIA — William Bate

Nine lectureships and two travel-only research awards, late Sept 1981-June 1982 or as indicated. Unless otherwise specified, lectures in English, although a knowledge of German would be helpful.

In most cases, institutions have identified suitable scholars and encouraged them to apply.

PLASMA PHYSICS Lectures 4 hours weekly on toroidal electromagnetic waves; participation in team research, counseling and guidance of doctoral students. One semester, U Innsbruck.

THEORETICAL ATOMIC PHYSICS Lectures 4 hours weekly on introduction to and selected topics of theoretical atomic physics; participation in team research. One semester, U Innsbruck.

PHYSICAL GEOGRAPHY Lectures 6-8 hours weekly on comparisons of physical geography of the Alps and the Rocky Mountains, natural regions of North America, geomorphic processes, and glacial and periglacial environments and landforms in the Rocky Mountains; field research in the Alps. Second semester, German fluency preferred. U Salzburg.

METAL WORK Lectures 20 hours weekly on metal work, with special emphasis on textile techniques in metal and fiber materials. Vienna Inst Applied Arts.

PHYSICAL CHEMISTRY Physical chemistry with emphasis on macromolecular substances; two hours weekly on dynamic mechanical and optical properties of polymer systems (measurement and interpretation); team research with graduate students on relationship between chemical structure and processing possibilities of macromolecular synthetic products; advice and counseling for work at new laboratory. U Linz.

AMERICAN CULTURE AND LITERATURE Lectures 6 hours weekly on the American poem in the 19th century, the American drama and lyric poetry in the 20th century, and tendencies in contemporary American narrative prose, including analysis of literary and cultural texts since 1945. U Vienna.

ELEMENTARY MUSIC AND DANCE EDUCATION Lectures 12 hours weekly on music, movement and related arts in education. OrffInstitute at Institute of Music "Mozarteum," Salzburg.

AMERICAN FORUM Lectures 6 hours weekly on any area of American government, art, culture, economy, geography, law, literature, philosophy, politics, sociology, with emphasis on contemporary American life. U Vienna.

BOTANY Two hours of lectures and six hours of practical training per week on ultrastructure, relation and ecology of algae. German speaking lecturer requested. Botanical Garden, U Vienna.

Alternates to the above lectureships:
RISK MANAGEMENT Four hours weekly on fundamentals and methods of risk management, corporate risk management. German fluency preferred. U for Economic Sciences, Vienna.
PHARMACOGNOSY Five hours weekly on cell culture of plants, possibilities and techniques of plant tissue culture, research at new laboratory for cell culture. German fluency preferred. U Vienna.

TRAVEL ONLY RESEARCH Two awards for travel support are available for scholars in any field. Combination of research and teaching acceptable. Preference for applicants with Austrian institutional funding.

BAHAMAS — Alla Dombrovsky

One lectureship, Aug 1981-May 1982, College of the Bahamas. Ph.D. and rank of assistant professor or higher. Applications due June 1,

1980. See also AMERICAN REPUBLICS.

EDUCATIONAL MEASUREMENT and RESEARCH METHODOLOGY
EDUCATIONAL TECHNOLOGY
TELECOMMUNICATIONS
SOCIAL WORK

BAHRAIN — Gary Garrison

One award, Oct 1981-June 1982. Ph.D. required. Knowledge of Arabic useful, but not required. Stipend of $1800/mo plus 15% cost of living.

ENGLISH AS A FOREIGN LANGUAGE Undergraduate instruction, possibly some methodology for teachers. Bahrain U College of Arts, Sciences and Education, Manama.

BARBADOS — Alla Dombrovsky

One lectureship, Sept 1981-June 1982. U West Indies, Bridgetown. Ph.D., assistant professor or higher. Applications due June 1, 1980

PERSONNEL MANAGEMENT
BUSINESS ADMINISTRATION
ECONOMICS

BELGIUM-LUXEMBOURG — Gladys Semeryan

Five awards, within period Oct 1981-June 1982.

AMERICAN LITERATURE General introductory courses, and seminar in area of specialization. One semester. Affiliation to be arranged.

RESEARCH IN ANY FIELD Two awards of 9 months each.

TRAVEL-ONLY Two awards for lecturing or research. Applications accepted in any field.

BRAZIL — Anne Carpenter

Up to 18 lecturing awards for periods of 2 to 6 months. Grantees will assist in strengthening accredited M.A. and Ph.D. programs by teaching graduate courses, consulting on dissertations and research programs. May be invited to participate in seminars and symposia and to give occasional lectures at other universities. Ph.D., teaching experience, and knowledge of Portuguese or Spanish required. Applications due June 1, 1980. See also AMERICAN REPUBLICS.

ANTHROPOLOGY Two awards. Course on the problems of energy, environment and society. Lecturer should also have interest in Amazon Indian and "campesino" problems. Previous experience in Brazil and Latin America desirable. Federal U Rio de Janeiro, Feb-July 1981. Anthropology, any area. U Sao Paulo, Mar-June or Aug-Nov 1981.

ECONOMICS One award. Course on theory of capitalism. Federal U Pernambuco, June-Aug 1981.

ECONOMIC HISTORY Seminars and symposia in lecturer's specialization and related to central theme of M.A. program, "Brazil in Relation to Capital Movement and International Labor." Research being conducted in capitalism and agriculture, 1850-1960; formation of urban proletariat, 1880-1945. State U Campinas. One semester in 1981.

THERMAL ENGINEERING Course in lecturer's specialization; assist in organizing research laboratory. Federal U Minas Gerais. One semester in 1981.

HISTORY Two awards. History of Brazil (the Northeast) or history of the Americas, and history methodology. Federal U Pernambuco, Feb-June or Aug-Dec 1981. Comparative Brazil-U.S. history. Casa de Rui Barbosa, Rio de Janeiro, two months in 1981.

EDUCATION Research methodology. Pontifical U Rio de Janeiro. June-Aug or July-Sept 1981.

EDUCATION Advise staff of the Nucleus of Institutional Research, Office of the Dean of Planning, on organization of a sub-system of institutional research in the Federal U of Ceara. Experience in university planning and institutional research and knowledge of Brazilian higher education required. Two months in 1981.

LAW Rights of man in a changing society. Advise on establishment and operation of an interdisciplinary research center on juridical and political issues. Federal U Ceara. Any two months during period Feb-Nov 1981.

LITERATURE Two awards. Problems and methods of comparative literature. Assist in establishing integrated program. Federal U Minas Gerais, Mar-June 1981. Methodology of teaching literature. Federal U Santa Catarina, Aug-Sept or Oct-Nov 1981.

POLITICAL SCIENCE Course in area of specialization. U Sao Paulo. Mar-June or Aug-Nov 1981.

SOCIOLOGY Four awards. Sociological theory. Conjunto U Candido Mendes, Inst U de Pesquisas do Rio de Janeiro (IUPERJ), six months, beginning Feb or July 1981. Social and religious movements. Federal U Ceara, one semester in 1981. Social classes and social change in the Northeast. Federal U Pernambuco. June-Sept 1981. Sociology course in area of specialization. U Sao Paulo. Mar-June or Aug-Nov 1981.

TRAVEL-ONLY GRANTS Up to five awards to scholars with invitations to lecture and/or conduct research at Brazilian universities. Preference will be given to candidates from U.S. universities which have or are developing long-term linkages with inviting institutions. Minimum period is two months.

BULGARIA ——— Georgene B. Lovecky

Two awards, Sept 1981-June 1982.

APPLIED LINGUISTICS Style in written English, English grammar. U Sofia.

AMERICAN LITERATURE Survey course plus one or more in lecturer's areas of specialization. U Veliko Turnovo.

RESEARCH One five-month research award in any area of the arts and culture of Bulgaria.

BURMA ——— Marguerite Hulbert

Number of awards not yet determined. Scholars interested in Burma are invited to submit a resume and request future information.

CAMEROON — Linda Rhoad

Three awards, Oct 1981 - June 1982. Ph.D., fluent French required. Preference for applicants available for two years. U Yaounde.

AMERICAN LITERATURE
AMERICAN HISTORY
INTERNATIONAL ECONOMICS

CHILE — Alla Dombrovsky

Two lectureships. Ph.D., rank of assistant professor or higher, and considerable teaching experience required. Spanish desirable. Applications due June 1, 1980. See also AMERICAN REPUBLICS.

AMERICAN LITERATURE Graduate and undergraduate courses in area of specialization. Catholic U. Aug-Dec 1981.

AMERICAN STUDIES Graduate courses in American civilization, history and/or political science. Catholic U and/or U Chile. Mar-July 1981.

CHINA, PEOPLE'S REPUBLIC OF — Marguerite Hulbert

Up to ten teaching awards under the U.S.-China cultural agreement. Beijing U and other locations. Sept 1981 through June 1982.

AMERICAN STUDIES Up to three specialists in American literature or American studies to help improve teaching skills of Chinese teachers of English selected from various parts of China for intensive, 5-month sessions. Courses in reading and composition to develop reading capacity and introduce cultural, political and socio-economic background of U.S. Also of interest are writing courses to develop precise language, clear thinking, logical organization and presentation of ideas. Also assist in evaluation and in preparation of program and materials. Ph.D. and at least 5 years of college or university teaching required. Some knowledge of Chinese and overseas experience desired but not required. Stipend: $450 per month in yuan and $1050 in dollars, plus housing and local transportation. Applicants available in Sept 1980 are invited to inquire.

LINGUISTICS Up to seven awards, including:
APPLIED LINGUISTCS Ph.D. and experience in teaching applied linguistics and analysis of English grammar for EFL teachers (possibly contrastive analysis, error analysis, etc.).
EFL METHODOLOGY Courses in TEFL methods. M.A. in TEFL or Ph.D. in applied linguistics and 3-5 years experience abroad required.
EFL TEACHERS One or two awards to offer courses in remedial pronunciation, aural comprehension, and development of reading and writing skills. M.A. in TEFL required.

COLOMBIA — Anne Carpenter

Up to 19 lectureships. 16 senior awards each for three months within Feb-Nov 1981; 3 junior awards each for 12 months beginning Feb or July 1981. Grants primarily for lecturing; however, consultation on research and future collaborative agreements are encouraged. Senior grantees will teach mainly at graduate level, offer short courses, workshops, lectures for university instructors and graduate students, and advise on teaching programs at two or more universities. Junior grantees (recent Ph.D.s) will teach full course load at undergraduate and possibly graduate level at one university. All grantees must have good to fluent Spanish.

Affiliation with one or more of following: in Bogota: U Los Andes, U Nacional, Javeriana U; in Medellin: U de Medellin, National U Antioquia, U Bolivariana; in Cali: U Del Valle; in Cartagena: U Cartagena; in Bucaramanaga: Industrial U Santander. Applications due June 1, 1980. See also AMERICAN REPUBLICS.

AMERICAN STUDIES Two 3-month senior and one 12-month junior awards in any area of American literature, contemporary society, comparative law, folklore, history, or inter-American relations.

ECONOMICS One 3-month senior award in any of the following: economic theory, econometrics, income distribution, industrial organization, international economics, economic history.

ENGINEERING and TECHNOLOGY Two 3-month senior and one 12-month junior awards in any of tnese: architectural acoustics; chemical, civil, electrical, ocean or sanitary engineering; computer science, environmental protection; noise control; alternative energy savers; appropriate technologies.

JOURNALISM, COMMUNICATIONS Two 2-month senior awards in any of following: broadcasting, communications and development, film, information science, journalism, photography, public opinion research, TV.

LINGUISTICS and TEFL One 3-month senior and one 12-month junior awards in any of these: applied linguistics, EFL, linguistics, phonetics, semantics.

NURSING One 3-month senior award for a specialist in cardio-respiratory care.

SCIENCE Five 3-month senior and one 12-month junior awards in any of the fields listed. Physics: atomic collisions, architectural acoustics, biophysics, solid state physics. Mathematics: functional analysis, differential equations, numerical analysis, topology. Chemistry: biochemistry, chemical industries, carbon, organic or physical. Biology: cellular, marine, molecular, genetics, botany, immunology, ichthyology, microbiology, natural ecology, ornithology, physiology.

URBAN STUDIES One 3-month senior award in city planning, operations research, public systems, urban development, urban environmental design, or management.

CONGO — Linda Rhoad

One award, Oct 1981-June 1982. Assistant or full professor. Fluent French required, although courses in American literature are taught in English. Marien Ngouabi U, Brazzaville. See also AFRICA.

PHYSICAL/BIOLOGICAL SCIENCES, AGRONOMY, ECONOMICS, BUSINESS, HEALTH, LINGUISTICS, AMERICAN LITERATURE and ENGLISH. Specific courses to be determined. Research opportunities, but facilities limited.

COSTA RICA — Alla Dombrovsky

One lectureship. July 1981-June 1982. Ph.D., rank of assistant professor or higher and lecturing ability in Spanish required. Applications due June 1, 1980. See also AMERICAN REPUBLICS.

AMERICAN STUDIES Generalist to offer courses and assist in developing masters program.

CYPRUS — Gary Garrison

Up to three awards, each for 6-10 months within Sept 1981-June 1982. Stipend of $9350 in Cypriot pounds, adjusted upward for number of dependents, plus $1350-3150 dollar supplement.

EDUCATION Lecture and provide consultation to Ministry of Education and Cypriot Turkish Office of Education. Specific fields not indicated, but scholars in any aspects of primary, secondary and technical education are invited to inquire.

CZECHOSLOVAKIA — Georgene B. Lovecky

Two awards, Sept 1981-June 1982.

ENGLISH AS A FOREIGN LANGUAGE Teaching of English at all levels. Comenius U, Bratislava.

AMERICAN LITERATURE Survey and one or two courses in area of specialization. Purkyne U, Brno or Charles U, Prague.

DENMARK — William Bate

Two 9-month awards within period Sept 1981-June 1982.

AMERICAN HISTORY Lecturer in American intellectual history. English Institutes: one semester, U Copenhagen; one semester, Odense.

MEDICAL ELECTRONICS One semester at Technical U Denmark; one semester at Aalborg U Center.

Alternates to above fields The following are areas in which Danish institutions have expressed interest, with preference for Plant Biochemistry. Some travel funds may be available to support scholars in other fields, some of whom will have been invited to apply by the host institution.
PLANT BIOCHEMISTRY Collaborative research at Dept of Biochemistry and Nutrition, Technical U Denmark.
IMMUNOPRECIPITATION TECHNIQUES U Copenhagen
HIGHWAY CONSTRUCTION Technical U Denmark.
TECHNICAL ENERGY or STRUCTURAL DYNAMICS Aalborg U Center.
NEUROANATOMY, IMPLEMENTATION ANALYSIS, PUBLIC AFFAIRS or EPISTEMOLOGY Aarhus U.

DOMINICAN REPUBLIC — Alla Dombrovsky

Possibly two lectureships, Sept 1981-May 1982. Lecturing ability in Spanish required. Applications due June 1, 1980. See also AMERICAN REPUBLICS.

AGRIBUSINESS Instituto Superior de Agricultura.

SOCIAL SCIENCE. Political scientist, sociologist, historian or economist. National U Pedro Henriquez Urena, Santo Domingo or U Catolica Madre y Maestra, Santiago.

ECUADOR — Alla Dombrovsky

Four awards, for periods indicated. Ph.D., rank of assistant professor or higher, fluent Spanish required. Undergraduate courses, seminars and workshops for university faculty, graduate students and young professionals; supervision of theses; advice on teaching and research programs. Teaching experience in Latin America desirable.

Applications due June 1, 1980. See also AMERICAN REPUBLICS.

CLINICAL BIOCHEMISTRY Specialist, with knowledge of general biochemistry such as metabolism, enzymology, etc., to direct graduate experiments and offer biochemistry mini-courses for biochemists, doctors, and biologists from outside the university. Direct doctoral dissertations. Central U Quito. Oct 1981-June 1982.

TEFL Conversational courses for advanced students; assist in establishing curriculum and evaluating teaching methods; participate in seminar for English teachers. Technical U Manabi. June 1981-Feb 1982.

BOTANICAL/ECOLOGICAL RESEARCH Lecturer/consultant to investigate the vegetation of the biological reserve at Jaunecha, Los Rios, and lecture on plant and animal population dynamics at U Guayaquil. June 1981-Feb 1982.

SEISMOLOGY Lecturer/consultant in civil engineering with a major in seismology to offer seminars on seismic effects upon buildings, characteristics of materials needed in anti-seismic building, foundation ground, methods of seismic analysis, and anti-seismic construction. Also lecture to professional associations of civil engineers, help plan future research, and serve as consultant on anti-seismic law. Central U Quito and Ecuadorean Institute of Standardization. Oct 1981-Mar 1982.

EGYPT ——— Gary Garrison

Up to 7 awards, Sept 1981-June 1982. Ph.D. required. Lecture, advise students and supervise theses. Fields listed in priority order. $1870/mo, free furnished housing.

AMERICAN STUDIES Scholar with background in American studies or literature and familiarity with interdisciplinary studies and anthropology or history to lecture on 19th and 20th century American novel, 20th century American drama, seminars on American studies topics; serve as advisor to Egyptian-American Research Center; 8-10 class hours weekly. Alexandria U.

LINGUISTICS Scholar with at least five years university experience to lecture on phonetics, stylistics, general linguistics, language in society; undergraduate and graduate levels, 8-10 hours weekly. Al-Azhar U, Cairo.

AMERICAN LITERATURE Undergraduate and graduate courses on contemporary American literature; supervision of theses; lecturing at nearby universities; 8 undergraduate and 4 graduate class hours weekly. Ain Shams U, Cairo.

PSYCHOLOGY Lecture on social and comparative psychology, seminar in general psychology; mainly graduate and honors students; 10 class hours weekly; participate in research. Alexandria U.

EDUCATION In-service training specialist to train small groups of teacher trainers for secondary schools; lecture on methods of teaching, transfer of learning, organization of teaching workshops; 2 undergraduate hours and 6 graduate hours weekly. Ain Shams U, Cairo.

AMERICAN LITERATURE Lecture on 19th and 20th century literature and poetry, advise graduate students, lecture at nearby universities on poetry and drama. Cairo U.

BACTERIOLOGY Lecture/research in Faculty of Medicine. Assiut U.

MOLECULAR BIOLOGY Teaching and research in plant biology, undergraduate and graduate levels. Faculty of Agriculture, Minya U.

ADULT/CONTINUING EDUCATION Lecture on education theory to graduate students and assist with development of adult and continuing education center. Mansura U.

CHEMISTRY Molecular structure, general chemistry, undergraduate and graduate levels. Tanta U.

MATERIALS ENGINEERING Undergraduate lectures in general materials engineering subjects with emphasis on polymers; lectures at nearby universities. American U in Cairo.

POPULATION GENETICS Specialist in drosophila population genetics to conduct research. Faculty of Agriculture, Alexandria U.

LECTURING/RESEARCH IN ANY FIELD Up to two awards for scholars with lecturing/research proposals in any field for a full academic year.

FIJI ——— Marguerite Hulbert

ENVIRONMENTAL STUDIES Candidates in physics, chemistry, biology, geology or environmental studies with teaching and research background in environmental studies to offer courses and possibly assist in undergraduate curriculum planning in one or more of the following programs: soil science, environmental physics, energy supply, environmental biology, geochemistry, marine chemistry and biology. Grantee will also assist in supervision of postgraduate research. Research interests in natural resources include marine biology, soil chemistry, natural products chemistry, energy resources and environmental physics. School of Natural Resources, U South Pacific, Suva, 12 months starting Jan or Feb 1981.

FINLAND ——— William Bate

Up to four one-semester lectureships within Sept 1 81 - May 1982.

PUBLIC ADMINISTRATION Comparative administration and/or administration development and reform. Abo Academy. Guest lectures at U Tampere.

GENETICS Human cytogenetics and/or human population genetics. Departments of Medicine and Biology, U Turku.

ADULT EDUCATION Role of media in adult education. Department of Education, U Helsinki.

LINGUISTICS General linguistics and/or phonological theory, sociolinguistics, or linguistic prehistory. U Tampere.

ELECTRON PHYSICS Semiconductor devices and semiconductor sensors. Helsinki U Technology.

AMERICAN LITERATURE General courses. U Turku.

FRANCE ——— Gladys Semeryan

Approximately six 1-4 month grants-in-aid for research, seven 9-month junior lectureships for younger scholars, five travel-only awards of 3-12 months. Most awards within period Oct 1981-June 1982.

RESEARCH AWARDS Applications accepted in all fields, but especially

welcome in literature and the social sciences.

Junior Lectureships for younger scholars who are recent Ph.D.s or advanced Ph.D. candidates. Unless otherwise indicated, lectures are in English, although French desirable for seminars. Affiliations to be arranged. Applications due Nov 1.

AMERICAN CIVILIZATION Contemporary, population, social structures, case studies, formation of national character, ethnic groups, women, political institutions, political life.

AMERICAN ECONOMICS International economics, the business world.

AMERICAN LANGUAGE

AMERICAN LITERATURE

AMERICAN STUDIES Sociology, economics and political science. Fluent French required.

ECONOMICS Especially the economy of growth and means of transportation. Courses entirely in French. Institut d'Etudes Politiques, Lyon.

INTERNATIONAL COMMERCIAL LAW Social history, economics, administration or political science. U Paris XII. Jan 1982-June 1982.

POLITICAL SCIENCE International law and relations; comparative institutions; international affairs; East-West relations; political theory. Knowledge of French desired, but fluency not essential. U Grenoble II. Nov 1981-May 1982.

TRAVEL-ONLY AWARDS Applications accepted for lecturing or research in any field. Preference for candidates with confirmed invitations from French institutions. Minimum period 3 months. Applications due Feb 1, 1981.

GABON — Linda Rhoad

Two awards, Sept 1981-June 1982. Preference for candidates available two years, although one year acceptable. Opportunity for research. Omar Bongo U, Libreville. See also AFRICA.

ENGLISH LANGUAGE/AMERICAN LITERATURE Twelve teaching hours weekly in such subjects as comprehension, composition, grammar, conversation, American literature, Afro-American literature. Consultation on curriculum. Ph.D., college teaching experience, fluent French required.

BUSINESS MANAGEMENT Courses from the following: organization and management of enterprises, management planning and control, business applications of computers, decision sciences, simulation and gaming, operations research, corporate finance, international business and marketing, international finance, management in the international economy, business English terminology. Consultation on curriculum. M.A. or Ph.D., college teaching experience required. Lectures in English, but French fluency necessary.

GERMANY — William Bate

Approximately 40 awards, described below, Oct 1981-July 1982. The senior Fulbright program with the Federal Republic of Germany is an unrestricted one. Applications are accepted in all fields for lecturing and/or research. Grantees are chosen on the basis of professional standing and excellence of their proposals.

Appointments are usually for a full academic year, although grants are sometimes made for one semester. Under no circumstance will the Council accept an application for a period of less than three months. Applicants are encouraged to indicate preferred host institutions to facilitate affiliation. Good command of German may be essential for such assignments as research in the social sciences,

but language facility is not generally required.

LECTURING AND RESEARCH AWARDS Up to 25 awards for lecturing and/or research are expected to be made for 1981-82. While the Council will accept applications in all disciplines, scholars in the natural and physical sciences are strongly urged to seek support through such agencies as the Alexander von Humboldt Foundation, whose address is given below.

JUNIOR LECTURESHIPS IN AMERICAN STUDIES Up to three awards are anticipated for younger scholars in American studies who are very recent holders of the Ph.D. Preference will be given to applicants in American literature. Applications due November 1, 1980.

TRAVEL-ONLY AWARDS Up to 12 awards for the support of travel to and from Germany. Lecturers and researchers receiving stipends from German institutions or from other sources are invited to apply for travel support. Applications are not accepted for the summer only or for periods of less than three months. Applications due February 1, 1981.

For information on other research opportunities in Germany, scholars are encouraged to write to the Deutscher Akademischer Austauschdienst, One Fifth Avenue, New York, New York 10003, or the Alexander von Humboldt Foundation, Bonn-Bad Godesberg, Schillerstrasse 12, Federal Republic of Germany.

GREECE — Gladys Semeryan

Up to 6 awards, 3 lecturing, 3 research, Oct 1981-June 1982.

AMERICAN LITERATURE Two awards to teach 19th and 20th century survey courses. U Athens, U Thessaloniki.

LIBRARY SCIENCE Conduct staff training seminars; assist and advise on development of library facilities, services and librarian training programs. Teaching and administrative experience required. Knowledge of modern Greek desirable. U Thessaloniki.

SOCIAL SCIENCE RESEARCH Anthropology, psychology or sociology research. Proposals must reflect knowledge of research materials available and ongoing projects and institutions in Greece.

RESEARCH IN ANY FIELD Up to two grants for self-defined research projects, preferably in areas of contemporary importance to Greek or to American scholarship.

GUATEMALA — Alla Dombrovsky

One lectureship, Jan-Dec 1981. Ph.D., substantial teaching experience, rank of full or associate professor required. Applications due June 1, 1980. See also AMERICAN REPUBLICS.

AMERICAN LITERATURE/LINGUISTICS Teach 3-4 courses each semester. English and American linguistics; English phonology, morphology and syntax; semantics; dialectology; structural linguistics and transformational grammar; psycholinguistics; sociolinguistics; studies in bilingualism; contemporary narrative in England and the U.S.; ethnic literature in the U.S. Spanish not essential but desirable. San Carlos U.

GUYANA — Alla Dombrovsky

One lectureship, Sept 1981-May 1982, U Guyana. Applications due

June 1, 1980. See also AMERICAN REPUBLICS.

DIGITAL ELECTRONICS and/or COMMUNICATIONS Department of Electrical Engineering, Faculty of Technology.

HONDURAS — Alla Dombrovsky

One lectureship, Jan-Dec 1981. Candidate should have M.A. or Ph.D. and fluent Spanish. Natl Autonomous U Honduras unless otherwise specified. Applications due June 1, 1980. See also AMERICAN REPUBLICS.

BUSINESS ADMINISTRATION
ECOLOGY
PRINT MAKING Natl School of Fine Arts.
BASIC NATURAL SCIENCES
SOLAR ENERGY
BIOLOGY

HONG KONG — Marguerite Hulbert

Possibly three awards, Sept 1981-June 1982, to be funded jointly with host institutions.

BUSINESS ADMINISTRATION/MANAGEMENT STUDIES One or more of following: 1. Management theory: study of basic concept and theory of management, emphasis on operational analysis of manager's role in all types of organizations. Course deals with management issues in areas of planning, organizing staff, directing and controlling. 2. Marketing: introductory course on basic concepts of marketing and their implications in management. 3. International business: course on environment in which international businesses operate, organizational and operational problems facing multinational corporations, and influence of functional activities across national boundaries. Hong Kong U.

COMPARATIVE LITERATURE Senior scholar knowledgeable about Chinese and Western literature for possible new department. One course and one graduate seminar. Candidates available for short-term assignment of at least three months will be considered. Hong Kong U and Chinese U.

HUNGARY — Georgene B. Lovecky

Two one-semester lectureships for 1981-1982. Priority fields not yet determined. Scholars interested are welcome to write, specifying specialization and background.

ICELAND — William Bate

Up to 3 one-semester lectureships and one 2-month research award, tenable between Sept 1981 and June 1982. Courses, seminars, consultation on curriculum, supervision of student theses and participation in research projects. U Iceland, Reykjavik.

AMERICAN LITERATURE Senior or junior scholar to teach undergraduate and graduate courses in poetry, drama or prose. Opportunity for research in Icelandic studies.

SOCIAL ETHICS/CHRISTIAN ETHICS and ECUMENICS Degree in social ethics and experience in practical studies required. Graduate level instruction in religion and sociology, e.g., family counseling. Consultation on new curriculum in Department of Theology.

NURSING SCIENCE Scholar with expertise in medical surgical nursing,

physical assessment, or theories of nursing.

RESEARCH IN ANY FIELD One 2-month research award. Applications accepted in any field.

INDIA ——— Lydia Z. Gomes

Up to 10 academic year lectureships, 4 research awards, and 6 travel-only grants tenable within July 1981-Apr 1982. Most lecturing assignments involve 6-8 hours of graduate-level teaching weekly, 6-8 hours of tutorials and research guidance, and participation in occasional faculty seminars. Preference for full or associate professors with substantial teaching and research experience. Affiliations arranged after selection; occasional split assignments. Applications accepted in any field, but preference expressed for those listed below.

AMERICAN LITERATURE Possible affiliations include Hyderabad U; Utkal U, Bhubaneswar; Poona U Kashmir U, Srinagar; Andhra U, Waltair; Bhavnagar U, Gujarat.

AMERICAN HISTORY Any specialization. Possible affiliations include Andhra U, Waltair; Maharaja Sayajirao U, Baroda; Berhampur U, Orissa; Kerala U, Trivandrum; Annamalai U, Tamil Nadu.

AMERICAN DIPLOMATIC HISTORY School of International Studies, Jawarharlal Nehru U, New Delhi.

ANTHROPOLOGY Visva-Bharati U, Santiniketan.

ECONOMICS Growth, applied, and management economics and econometrics. Bombay U or Madras U.

HOME SCIENCE Patna Women's College, Patna U.

INDUSTRIAL RELATIONS Including personnel and business management. Utkal U, Bhubaneswar.

JOURNALISM Communication research.

MUSIC Lecture in ethnomusicology and in music research methodology. Preference for candidate with exposure to Indian music. Madras U.

PHILOSOPHY Possible affiliations include Jadavpur U, Calcutta; Panjab U, Chandigarh; Utkal U, Bhubaneswar.

POLITICAL SCIENCE American government, political theory, and quantitative research methodology. Possible affiliations include Rajasthan U, Jaipur or Marathwada U, Aurangabad.

SOCIOLOGY Urban sociology, demography, ethnic studies, and social science research methodology. Possible affiliations include Indian Institute of Technology, Kanpur; SNDT Women's U, Bombay; Jamia Millia Islamia U, New Delhi.

NATURAL AND APPLIED SCIENCES Applications accepted in all fields. Fields of interest include: chemistry, botany, microbiology, physics, chemical engineering, marine biology.

RESEARCH IN ANY FIELD Four research awards. Applications accepted in any field. Format for research proposals should be requested from CIES.

TRAVEL-ONLY AWARDS Six grants for scholars with invitations to lecture at Indian universities which will provide maintenance support.

INDO-U.S. SUBCOMMISSION RESEARCH AWARDS — Lydia Z. Gomes

Twelve long-term (6-10 months) and nine short-term (2-3 months) advanced research fellowships, without restriction as to field, are offered for 1981-82 by the Indo-U.S. Subcommission on Education and Culture. The program seeks to draw into educational exchange U.S citizens who are not India specialists but whose disciplinary or professional skills may be enhanced by advanced research in India. Applications from persons with limited or no experience in India are therefore welcome. Of particular interest are proposals which may stimulate communication and collaboration between groups in the two countries in the natural and social sciences and in such professional areas as architecture, business, law, medicine, museum work, public health, and creative arts. Applications due July 1, 1980. Special application forms should be requested from CIES.

INDONESIA — Marguerite Hulbert

AMERICAN STUDIES Interdisciplinary courses, lectures in new M.A. program in American studies, and advise students writing theses. Younger - senior scholar. Possibly seminar on research methods for fourth year students. U Indonesia, Jakarta. July 1981-June 1982.

AMERICAN STUDIES Scholar experienced in developing interdepartmental, interdisciplinary American studies programs to teach advanced undergraduates and graduate students and to offer faculty development seminars. Courses in literature, culture, history, etc. Younger or senior scholar with preference for latter. U Gadjah Mada, Yogyakarta, Central Java. July 1981-June 1982.

SOCIAL SCIENCE RESEARCH TECHNIQUES Lecture in Indonesian to teaching staff of regional universities. Scholar from any social science discipline experienced in both field and library research methods. Preference for candidate available for two years. Research center at U Indonesia, Jakarta, Syiah Akuala U, Banda Acheh, North Sumatra, or Hasanuddin U, Unjung Pandang, South Sulawesi. Aug 1980-July 1982.

INDONESIAN STUDIES RESEARCH Postdoctoral fellowship for an advanced scholar in any field of Indonesian studies. Well-defined projects related to teaching and publishing interests in history, languages and linguistics, or other topics. Summer 1981 or later for 12 months.

IRELAND — William Bate

Four awards for lecturing and research, Oct 1981-June 1982. Graduate and undergraduate courses to be determined jointly by grantee and host institutions. Fields for each institution listed in priority order.

LINGUISTICS or AMERICAN LITERATURE U College Dublin.

COMPUTER SCIENCE, DAIRY and FOOD MICROBIOLOGY or ECONOMICS U College Cork.

LAW, INDUSTRIAL ENGINEERING or MATHEMATICS U College Galway.

AGRICULTURAL ENGINEERING (farm machinery design and evaluation or energy use in agriculture), or DAIRY SCIENCE (manufacture and storage of non-cheddar cheese varieties), or PLANT PHYSIOLOGY (emphasis on physiological disorders of vegetables or micropropagation and biomass) Agricultural Institute, Dublin.

Up to 10 awards for lecturing, up to 4 travel-only awards for research, Sept 1981-June 1982. Fields listed in priority order.

PSYCHOLOGY Measurement and evaluation specialist to help reorganize undergraduate and graduate training in psychology and education, assist faculty research in methodology and statistics, supervise joint education-psychology faculty seminar reviewing application of theory. U Haifa.

SOLAR ENERGY/CHEMICAL ENGINEERING Professor or research scientist experienced in energy science/technology and in application of chemical engineering principles to energy systems (e.g., surface coating properties, solar powered air-conditioning, hydrogen technology, energy storage and conservation systems). Teach one or more advanced energy-related courses, advise students and staff, plan future collaborative programs, develop contacts with foreign groups in energy science/technology. Ben Gurion U Negev, Beer Sheva.

COMPUTER OPERATING SYSTEMS Expert in operating systems techniques to present course and seminar on topics in operating systems, precise titles and syllabi determined by scholar; consult on curriculum; participate in establishing of software lab; 2-4 class hours weekly, 25 students. Technion-Israel Inst Technology, Haifa.

AMERICAN STUDIES/POLITICAL SCIENCE Teach one course on American political parties, one course on either the Presidency or Congress; participate in an inter-disciplinary seminar; 6 class hours weekly, graduate and undergraduate levels. Hebrew U, Jerusalem.

AMERICAN HISTORY Lecture on U.S. social and cultural history from Civil War and/or 20th century U.S. foreign policy, with emphasis on European and Middle East relations; consult on curriculum; supervise theses; 4 class hours weekly, 12-15 students. Tel Aviv U.

INTERNATIONAL FINANCE Scholar with academic background and experience in international finance to teach one graduate course, one seminar; participate in research, supervise theses. Hebrew U, Jerusalem.

TEXTILE CHEMISTRY or TECHNOLOGY Scholar with university and industrial experience to lecture in textile chemistry, spinning or weaving technology. Chemistry specialization includes synthesizing dyestuff and chemical auxiliaries for industry. Advise on curriculum, engage in research, consult with industry. Weekly attendance of 4 full working days, including 6-8 class hours. Shenkar College of Fashion and Textile Technology, Ramat Gan.

AMERICAN LITERATURE Teach survey of American literature, modern poetry and/or fiction, development of American tradition, including colonial period, and possibly British romantic poetry; graduate and undergraduate levels, 6-8 class hours weekly, 20 students. Hebrew U, Jerusalem.

OPERATIONS RESEARCH Professor with consulting experience to lecture in department of statistics, supervise theses, consult on curriculum, participate in research; 4-6 class hours weekly. Computer terminal available. Hebrew U, Jerusalem.

PUBLIC MANAGEMENT Scholar with behavioral science background to teach basic course in organization theory and seminar in own field of specialization, conduct intensive workshops, present public lectures, assist extension program for civil servants. Hebrew U, Jerusalem.

Alternate fields to those listed above:

COMPUTER SCIENCE Scholar with background in automatic programming to lecture up to 6 hours weekly, possibly supervise theses. Large CDC computer and other research facilities available. Tel Aviv U.
INDUSTRIAL DESIGN Professor to aid in determining design projects, tutorials, and seminars, administer and implement projects, assess progress of students and effectiveness of teaching methods; 16 contact studio hours and 5 hours coordination weekly. Bezalel Academy of Arts and Design, Jerusalem.
VOICE CULTURE Experienced senior teacher and music master to teach classes and individuals in areas of voice culture, coaching, voice literature, opera workshop and seminars; consult on curriculum; organize final concert; 12 hours weekly. Rubin Academy of Music, Jerusalem.
AMERICAN/COMPARATIVE LITERATURE Specialist in American or comparative literature or theory of literature to lecture at undergraduate level; 2-3 courses per term, 6 class hours weekly. Ben Gurion U Negev, Beer Sheva.
STATISTICAL PHYSICS Lecture on advanced methods of statistical mechanics at graduate level, participate in joint research, supervise Ph.D. students, present colloquia; 3 class hours weekly. Weizmann Inst, Rehovot.
PHILOSOPHY Professor specialized in pragmatism and philosophy of action, philosophical semantics, or political philosophy, to offer courses in chosen field, conduct research, supervise theses, consult on curriculum. Hebrew U, Jerusalem.

TRAVEL AWARDS FOR RESEARCH Up to four travel-only awards for research, with preference given to scholars who will remain nine months. Applications due Sept 1, 1980.

ITALY — Gladys Semeryan

Six senior awards (2 lecturing, 4 lecturing/research), 3 senior research awards, 4 junior research awards, 3 travel only.

AMERICAN LITERATURE AND HISTORY Two senior awards of 8 months each. Lecturers to be based at Center of American Studies, U Rome. Lecturer in literature will have roving lecturing assignment, and preferably should be a specialist in American fiction, 19th or 20th century. Lecturer in history will have secondary lecturing assignment at U Perugia, and must be able to lecture in Italian.

POLITICAL SCIENCE and SOCIOLOGY Two senior lecturing/research awards of 6 months each; 2 months at Instituto di Formazione e Ricerca sui Problemi Sociali dello Sviluppo (IZVI) U Catania, 4 months in Florence, Bologna or Turin, depending on research topic. If preferred whole period may be spent at Catania.

PSYCHOLOGY One 4-month senior lecturing/research award in clinical learning and cognitive processes, cross-cultural studies, psycholinguistics or psychiatry (emphasis on mental health and therapy). Participation in ongoing projects in Rome, Bologna or Milan, depending on project.

ECONOMICS One 6-month senior lecturing award. Finance and financial management, economic growth and development, economic planning, monetary and financial theory, international economics, urban and regional economics, health economics or education economics. Affiliation based on specialization.

Three senior research awards, each for 4 months or longer, in:
ENVIRONMENTAL STUDIES,
SOCIAL/POLITICAL SCIENCES,
LINGUISTICS or
LAW.

ITALIAN STUDIES RESEARCH Two junior awards of 9 months each in specializations including literature, history, economics, sociology, political science, popular culture.

HUMANITIES RESEARCH Two junior awards of 9 months each.

TRAVEL-ONLY AWARDS in SCIENCE and TECHNOLOGY Three awards for scholars with pre-arranged affiliation and funding. Applications due Feb 1, 1981.

JUNIOR LECTURESHIPS for younger scholars who are recent Ph.D.s or advanced Ph.D. candidates. Number of awards and preferred fields not yet determined. Probable fields are American history and literature. Applications due Nov 1, 1980.

ENGLISH LANGUAGE Teacher training assistants to develop in-service training program for Middle School teachers of English. M.A. in TEFL or applied linguistics. Applications due Nov 1, 1980.

IVORY COAST — Linda Rhoad

Two awards, Oct 1981-June 1982. Ph.D. and fluent French required. National U Ivory Coast, Abidjan. See also AFRICA.

One Award AMERICAN LITERATURE Novels, theater, American civilization. Or, ECONOMICS Mathematical economics, econometrics.

One Award Masters level courses in all fields except mathematics, where courses are to be offered at both license and masters level.
GEOLOGY Tectonic petrology, paleontology and applied geology.
BIOCHEMISTRY Molecular biology.
BIOLOGY and ANIMAL PHYSIOLOGY Reproductive physiology, cellular biology, anatomy of mammals, research in electron microscopy.
MATHEMATICS Analysis or algebra. Or,
BIOLOGY Molecular genetics.

JAMAICA — Alla Dombrovsky

Two lectureships, Sept 1981-June 1982, U West Indies, Mona. Ph.D., rank of associate professor or higher, and considerable teaching experience required. Applications due June 1, 1980. See also AMERICAN REPUBLICS.

AMERICAN LITERATURE or HISTORY Also Afro-American literature.

MASS COMMUNICATION

JAPAN — Marguerite Hulbert

Approximately 6 lectureships, April 1982-Jan 1983, and 8 research awards for 3-9 months between summer 198[illegible] summer 1982.

Lectureships (6-7 awards) Since the academic year in Japan starts in April, preference will be given to scholars who can accept 9-10 month teaching appointments beginning in April 1982 and extending through December or mid-January 1983. Three or four undergraduate and graduate courses once a week for 90 minutes. Two or more affiliations; notification will be made in spring 1981. Because language barrier may require a Japanese colleague to serve as interpreter, the grantee must be flexible in teaching and must prepare lecture outlines for class distribution. Lecturers are encouraged to begin conversational study in Japanese before arrival.

AMERICAN STUDIES (6 or 7 awards in the preferred disciplines be-

low.) Teach general courses on American culture to undergraduate students with little or no background either in American history and culture or in the discipline, and to upper undergraduate/graduate level students in the discipline, who have little or no academic training about the United States. Applicants should describe two courses at each level that they feel would enable Japanese students to learn something about the American experience and compare to their own. Affiliation to be arranged.

AMERICAN STUDIES	HISTORY	POLITICAL SCIENCE
ANTHROPOLOGY	LAW	SOCIOLOGY

PACIFIC BASIN STUDIES (1-2 awards) Lecture on post-WWII political and economic relations between Japan and the United States with a third country or group of countries in the Pacific Basin, or between either Japan or the United States with a second country or group of countries in the Pacific Basin. Two or more affiliations.

Research Approximately 8 awards for periods indicated between summer 1981-summer 1982. Applicants with projects relating to Social Change and International Education do not have to be academics but may be professionals working in these areas outside the universities.

JAPANESE STUDIES Research on history, culture and civilization of Japan through any discipline but with preference for post-Meiji restoration developments in history, government, economics, law, literature, the arts, sociology and anthropology.

PACIFIC BASIN STUDIES Research on post-WWII political and economic relations between Japan and the United States with a third country or group of countries in the Pacific Basin, or between Japan or the United States with a second country or group of countries in the Pacific Basin. Grantees may be permitted to spend up to two months at the beginning or end of their grant in the third country included in their research.

SOCIAL CHANGE Research on contemporary social change in Japan and the United States resulting from rapid industrialization, for example: the social, economic and political impact of a rapidly aging population; quality-of-life and change-in-life-style issues resulting from environmental pollution; uncontrolled technological growth; urbanization; and limited resources.

INTERNATIONAL EDUCATION Study of issues and problems related to the internationalization of higher education in Japan such as the increase in, reception and servicing of international students and scholars, re-entry of Japanese nationals who have lived abroad, and other cross-cultural issues.

JOURNALISM Two research awards of flexible duration of 3-9 months for full-time practicing journalists in print or electronic media who wish to prepare to be correspondents in Japan or desire Japan experience to broaden international expertise. Research on a specific aspect of Japan in addition to deepening general knowledge of Japanese society and culture; Japanese media per se is not an acceptable topic. Grantees may not function as accredited journalists due to government restrictions, but may write occasional articles. Language proficiency not required but conversational ability desirable.

EDITORIAL ADVISER and TRANSLATOR One 9-month postdoctoral fellowship for specialist in any aspect of contemporary Japan to serve as editorial adviser and senior translator for the English journal, The Japan Interpreter. Grantee would have time to pursue own research but it would have to be subsidiary to journal work. Fluent Japanese essential.

JORDAN — Gary Garrison

Up to 6 lectureships, Sept 1981-June 1982. Ph.D. with at least 5 years experience and minimum associate professor rank for most fields. Courses in English, but knowledge of Arabic helpful. Fields are in priority order for each university. Award terms: $1800/month plus 10-15% cost of living allowance.

U Jordan, Amman:
ARCHITECTURE Architectural theory and design and landscape architecture, graphics, or building construction; consult on curriculum and supervise student theses; 9-12 hours, 20-30 students.
CHEMICAL ENGINEERING Plant management, plant design and economics to fifth year students; supervise design projects, aid in establishment of labs; 9-12 hours, 20 students.
MECHANICAL ENGINEERING Major internal combustion engines; assist in development of laboratory facilities; 9-12 hours, 20 students.
PHYSICAL EDUCATION Lecturer specialized in curricular studies to lecture on curriculum and methods, administration and organization, facilities and equipment, sports information, youth counseling; teach undergraduate activity classes; 9 hours, 20-40 students. Arabic fluency preferred.
PSYCHIATRIC/COMMUNITY NURSING Teacher of psychiatric and community nursing to offer courses to undergraduates; 6 hours theory and 15 hours field work weekly. Ph.D. or M.S. plus experience required.
CIVIL ENGINEERING Environmental and transportation engineering; 9-12 hours, 20-30 students.
ELECTRICAL ENGINEERING Control and systems area; 9-12 hours, 20 students.

Yarmouk U, Irbid:
ADMINISTRATIVE SCIENCES Accounting, marketing, finance; consult on curriculum; 9-12 hours weekly.
ECONOMICS Labor economics, economic development, comparative economic systems; American texts; 9-12 hours weekly.
RENAISSANCE LITERATURE One course in specialty, one survey course, possibly a writing course; consult on curriculum; 9-12 hours weekly.
WORLD LITERATURE One course in specialty, one survey course, possibly a writing course; consult on curriculum; 9-12 hours weekly.

KOREA — Marguerite Hulbert

Up to 45 awards, within Aug 25, 1981-July 15, 1982. Preference for lecturing and/or research projects related to the problems of man in a rapidly industrializing society. Types of grants vary, ranging from travel-only to travel with full maintenance stipend. Korean universities will provide their level of salary for lecturers and lecturing/research scholars. Travel grants may be available to scholars who have financial support from other sources. Applications from both younger and senior scholars are invited.

SOCIAL SCIENCES Four full 4-month lecturing, two full 4-10 month lecturing/research awards and possibly one travel grant in any of the social sciences except business administration. Teaching, research in collaboration with Korean scholars.

ANTHROPOLOGY
DEMOGRAPHY
ECONOMICS
EDUCATION
GEOGRAPHY
INDUSTRIAL/LABOR RELATIONS
INTERNATIONAL RELATIONS
LAW
LINGUISTICS
POLITICAL SCIENCE
PSYCHOLOGY
PUBLIC ADMINISTRATION
RURAL DEVELOPMENT
SOCIOLOGY
URBAN/REGIONAL PLANNING

LITERATURE or HUMANITIES Two full 4-10 month lectureships with

preference for literature; one full 4-10 month lecturing/research award; possibly one travel grant.

CREATIVE or PERFORMING ARTS Two full 4-10 month lectureships; one full 4-10 month lecturing/research award; possibly one travel grant. Concert master and performers in brass, woodwind, expecially oboe, of interest.

SOCIAL SCIENCE RESEARCH One full 3-10 month award for research in any of the social sciences, preferably related to Korean studies. Collaborative research projects with Korean scholars may be supplemented by special research allowance.

HUMANITIES RESEARCH One full 3-10 month award for research, preferably related to Korean studies.

ESL/LINGUISTICS Six 10-month awards for bilingual instructors capable of teaching English and one of the following: Spanish, French, Russian, Chinese, Japanese, Arabic. Must be fluent in both languages. Advanced degrees not required. Project may begin in July. Hankuk U of Foreign Studies, Seoul.

ESL Ten awards for teachers with at least master's degree and a minimum of three years college teaching experience to teach at universities throughout Korea. Funding will be provided by the universities (maintenance of around $1000 per month and housing) and by the Fulbright Commission (roundtrip travel). No travel allowance for dependents. Affiliations to be determined; Aug 1981-July 1982.

ENGINEERING Eight lectureships: two in mechanical, two in electrical and one each in civil, industrial chemical and architecture, for projects in provincial cities including Taegu, Chungnam, Busan and Kwangju. Grant renewal possible. Grant benefits include up to $2,500/month maintenance allowance.

NATURAL SCIENCES Two full lecturing and two travel-only grants. Affiliations to be arranged. Within Aug 1981-July 1982.

LEBANON — Gary Garrison

One award, Oct 1981-June 1982, American U Beirut. $1800/mo plus cost of living allowance.

ARCHITECTURE Teach basic and architectural design at undergraduate level; consult on curriculum; 12 class hours weekly, 20 students.

LESOTHO — Linda Rhoad

One award. Aug 1981-May 1982. Natl U Lesotho, Roma. See also AFRICA.

BUSINESS ADMINISTRATION Accounting and management courses; curriculum development. Opportunity for case studies in small business development.

LAW Two or more courses in international jurisprudence, international organizations, human rights, comparative law and sociology of law. Limited opportunity for research.

LIBERIA — Linda Rhoad

Seven awards, July 1981-July 1982. Ph.D. and minimum of three years university teaching experience required. See also AFRICA.

Four lecturing awards at U Liberia, Monrovia. Fields in order of priority are: MINING ENGINEERING, PHYSICS, GEOLOGY, CHEMISTRY, ELECTRICAL ENGINEERING, MATHEMATICS.

Three lecturing awards at Cuttington U College, Suacoco. MATHEMATICS analysis; ORGANIC CHEMISTRY and/or BIOCHEMISTRY; BUSINESS ADMINISTRATION and/or ECONOMICS.

MALAYSIA — Marguerite Hulbert

Five 10-month lectureships, May/June 1981-Mar 1982 or as indicated. Assignments are basically for teaching, but may include assistance in curriculum planning, departmental organization, tutorials, supervision of theses, and field work. Opportunity for research. Lectures in English but a knowledge of Malay would be helpful. Ph.D. and substantial teaching experience desirable.

LAW Study of American and Malaysian legal systems. Comparative legal education for academic and professional training of lawyers at university level in one or more of these areas: comparative law, international business transaction, clinical legal education, private international law, jurisprudence. Advise on research into local laws, curriculum development. U Malaya, Kuala Lumpur.

BUSINESS STUDIES Help establish the first faculty of administration in a Malaysian university. Curriculum development at undergraduate and graduate levels, train middle-level management personnel through formal coursework and practical training in business world. Courses of interest: marketing, management, finance, accounting, insurance and real estate. Experience in setting up MBA program and familiarity with Malay language and socio-economic system helpful. U Kebangsaan Malaysia, Kuala Lumpur.

ETHNOMUSICOLOGY Teach undergraduate courses, supervise graduate work in performing arts, assist in ongoing research, documentation and analysis of Malaysian musical traditions. Must have Ph.D. and experience in Southeast Asian ethnomusicology, understanding of Western and other music theory, and familiarity with "Gamelan" traditions and Malay language. School of Performing Arts, U Sains Malaysia, Penang.

BUSINESS DEVELOPMENT Teach undergraduates and supervise graduate students in small business development, food systems and land studies; help establish Bureau of Food Systems and Land Studies at the university; act as consultant to university's Bureau of Small Business Development. Candidate must have substantial experience in small business development and background in economics of Southeast Asia. U Pertanian Malaysia, Selangor.

ARTS MANAGEMENT Assist in preserving and developing cultural art forms; structure curriculum in theater, fine arts, music, dance, and film making; provide advice on technical aspects of performance and use of theater and studio hardware; assist in developing workshops and seminars in arts management. Must have graduate degree in arts management or related field with knowledge of Malaysia, technical expertise in theater and studio work, and experience in at least one of the fields of interest. National Arts Academy scheduled to be established in 1980.

MALI — Linda Rhoad

One award, Oct 1981-July 1982. Ph.D., fluent French required. Ecole Normale Superieure, Bamako. See also AFRICA.

AMERICAN CIVILIZATION American history and literature.

MALTA — Gladys Semeryan

BUSINESS MANAGEMENT with good background on organizational behavior/sociology and familiarity with marketing and computer science. Work-study program experience also of interest. Advise on curriculum and courses in area of specialization. New U, Valletta, Sept 1981-June 1982.

MAURITANIA — Linda Rhoad

Two awards, Oct 1981-June 1982. See also AFRICA.

BUSINESS, PUBLIC ADMINISTRATION, MANAGEMENT or ECONOMICS Teach courses and assist in curriculum development. Ph.D. or M.A., two years of teaching experience, and fluent French required. Ecole Nationale d'Administration (ENA), Nouakchott. Opportunity for research at Institut Mauritanien de Recherche Scientifique.

PHYSICAL EDUCATION Offer courses to secondary school instructors, design curriculum, and coach basketball. Special qualifications desired: M.A. or Ph.D., fluent French, minimum of five years teaching experience, and availability for two years. Centre Nationale de Formation des Cadres de la Jeunesse et des Sports, Nouakchott.

MEXICO — Alla Dombrovsky

Up to 15 lectureships, one semester (Aug-Dec or Jan-June) or academic year. Ph.D., rank of assistant professor or higher, teaching experience, and fluent Spanish required. Affiliations to be arranged. Applications due June 1, 1980. See also AMERICAN REPUBLICS.

ECONOMICS
EDUCATION
PUBLIC ADMINISTRATION
AMERICAN STUDIES
DEMOGRAPHY
URBAN PLANNING
POLITICAL SCIENCE
SOCIOLOGY Border issues
INTERNATIONAL RELATIONS
SOCIAL SCIENCES Any field

MOROCCO — Gary Garrison

Up to three lectureships, Oct 1981-June 1982. Ph.D. required for all awards unless otherwise noted. Fluent French required. Stipend of $1800/mo. Additional award fields may be announced later in the year. Interested scholars should contact CIES for information, indicating specialization and background.

LINGUISTICS/AMERICAN LITERATURE Scholar with doctorate in English or comparative literature and ESL experience to teach American civilization, composition, basic English to undergraduates, 8-14 hours weekly. M.A. holder with extensive experience may be acceptable. Mohamed V U Rabat.

ECONOMICS/BUSINESS MANAGEMENT Scholar in any of the following fields to lecture in French at undergraduate level, 10 class hours weekly; supervise theses. Econometrics, statistics, mathematics, computer applications, personnel administration, business policy, operations research, manufacturing processes. Higher Institute for Commerce and Business Administration, Casablanca.

ELECTRONICS and/or NUCLEAR PHYSICS Mohamed V U, Rabat.

NATO RESEARCH FELLOWSHIPS

On behalf of NATO, CIES administers a program of short-term research opportunities (ordinarily two to four months) for U.S. scholars in the humanities and social sciences on topics related to the North Atlantic Alliance. Grants are intended for scholars with the Ph.D. or equivalent professional status. As a rule two or three grants are made annually to Americans nominated by CIES. The competition for 1981-82 will probably be announced in October 1980, at which time application forms and detailed information will be available from Mrs. Janice Byrd.

NEAR EAST/SOUTH ASIA SHORT-TERM LECTURESHIPS

Ten awards of six weeks to four months, within Feb 1981 and Sept 1982 (but during academic term of the host country), for established American professionals and college and university faculties to teach in a number of Near Eastern and South Asian countries. While it is unlikely that more than one award will be made for each participating country, visits to adjacent countries may be arranged to precede or follow a principal appointment. Grantees are expected to carry out a substantive teaching and/or consulting program in the country of assignment.

Participating countries and priority fields not yet determined, but the following countries participated in previous years: Algeria, Bangladesh, Egypt, Jordan, Lebanon, Morocco, Nepal, Pakistan, Sri Lanka, Sudan, Syria, Tunisia, Yemen. Fields of interest included: educational planning and administration, engineering, public health, medicine, economics, law, creative arts. Detailed information and application forms available after April 15, 1980 from Mrs. Chris Neuman (202) 833-4978. Applications due July 1, 1980.

NEPAL — Lydia Z. Gomes

Up to three lectureships, Aug 1981-June 1982, Tribhuvan U, Kathmandu. Fields listed below in priority order. Teach undergraduate and graduate courses and supervise graduate student theses.

BUSINESS AND PUBLIC ADMINISTRATION
METEOROLOGY
ECOLOGY

NETHERLANDS — Gladys Semeryan

Five senior and three junior awards for lecturing and research, each for 4½ months, unless otherwise indicated, within Sept 1981-June 1982; five travel-only grants in any of the listed fields. Applications are especially welcome from candidates in programs developed jointly by Dutch and American universities.

American and Dutch Studies Study of civilization, culture, society, through history, literature, linguistics, art, art history, drama or music. Applications accepted in any field, but special interests of Dutch institutions are:
PHILOSOPHICAL LINGUISTICS Teach course on empiricist and rationalist debates, particularly the major 17th and 18th century debates, with emphasis on the problems of acquisition of knowledge. Opportunities for research. U Utrecht.
GENERAL LINGUISTICS Researcher knowledgeable on the most recent developments in transformational grammar and/or Montague grammar to develop own research program at U Groningen where ongoing research includes extended standard theory, lexical grammar and Montague grammar. Academic year beginning Sept 1981.

ECONOMICS Develop and exchange knowledge in the use and development of alternative energy sources and nuclear energy, international economic interdependence, shortage of energy, the rapidly increasing oil prices; study size and influence of U.S. government regulatory agencies as compared with Dutch counterparts. Also interest in scholar to join ongoing research in spacial economics. Must be mathematically skilled and have proficiency and interest in the formal methods of analysis. Erasmus U, Rotterdam.

Social, Political and Behavioral Studies Applications accepted in any field, but special interests of Dutch institutions are:
CARIBBEAN ANTHROPOLOGY Several areas, but particularly "black consciousness." Knowledge of Saramaka Maroons in Surinam and slave societies. U Leiden, U Utrecht.
PSYCHOLOGY Parent-infant interaction, especially social, cognitive and emotional development from birth to age 7. Candidate must be knowledgeable on the "transactional model." U Utrecht.

Science and Technology Primarily for interuniversity exchanges which may require supplemental funding or travel funds. Applications accepted in any field, but special interests of Dutch institutions are:
PROCESS DYNAMICS Verification and digitalization of the simulation codes to expand research in lumped and distributed parameter, non-linear models, implemented on a hybrid computer. Technical U Delft.
MECHANICAL ENGINEERING Courses in modern developments in tribology (hydrodynamic bearings, engine structural mechanics, and finite elements in fluid mechanics). Research on the dynamic and frictional behavior of moving machine parts. Six months during academic year. Technical U Eindhoven.
LAND DATA ORGANIZATION Identifying, classifying and organizing topographical data resulting from automation of data-bases, and to insure exchangeability and complementarity of data individually collected by agencies. Opportunity to combine theoretical research with practical data. Technical U Delft.
PROTECTION/IMPROVEMENT of ENVIRONMENT Two awards, one junior and one travel only. Lecturing or research in any of the following areas of environmental studies: influence of air pollution on vegetation, population policy research, population control, regional planning, land use control.

NEW ZEALAND

William Bate

Up to 10 awards, each for six months within Jan-Dec 1981. Because of the early starting date of the academic year in New Zealand, applications are screened in July ahead of those for other countries. While the New Zealand-United States Educational Foundation will consider applications in any discipline, its preferences are listed below. In some instances, universities have identified suitable scholars and have encouraged them to apply. Applications due June 1, 1980.

AMERICAN DRAMA Develop a course in American theatre in both its theoretical and practical dimensions to supplement existing offerings in American literature. Waikato U, Hamilton. Or, AMERICAN HISTORY Teach third year undergraduate course in black history, urban history, or family history. Victoria U, Wellington. Or, AMERICAN LITERATURE Lecture at undergraduate and graduate levels in 19th century American literature, 20th century American literature, poetry, or the novel. U Canterbury, Christchurch.

NEW ZEALAND STUDIES Research on any aspect of 19th or 20th century New Zealand history as it relates to similar developments in the U.S.; one public lecture at Turnbull library, Wellington, with seminars at Victoria U. Or,

POLYNESIAN and PACIFIC PREHISTORY Teach advanced graduate and undergraduate courses in regional prehistory, particularly oceanic prehistory. Auckland U.

MUSIC Established scholar to lecture, conduct master classes perform: universities in Auckland, Victoria, Canterbury, Otago.

FINE and PERFORMING ARTS Research in any of the arts of mutual interest to the U.S. and New Zealand, particularly music, painting, design, sculpture, ceramics, film and writing. Affiliation to be determined.

MANAGEMENT Lecturer/researcher for interdisciplinary program on management in the multi-cultural workforce; 1981 theme is "Women in Management." Auckland U.

POLITICAL SCIENCE Undergraduate course in American politics and honors courses in social science methodology. Preference for scholar in the political sociology of the ecological movement. U Canterbury, Christchurch.

MINERAL TECHNOLOGY Research scholar to assist with appraisal of the environmental problems and consequences of development and expansion in the coal industry of New Zealand. Otago U.

INFLATION ACCOUNTING Collaborate in research on the practicability, utility and validity of various methods of inflation accounting proposed and developed in other countries, particularly in the U.S. Waikato U, Hamilton.

TRAVEL-ONLY AWARDS Two travel-only grants will be available to U.S. scholars who expect to teach or undertake research relating to New Zealand and the Pacific.

NICARAGUA — Alla Dombrovsky

Number of awards not yet determined. Candidates should have M.A. or Ph.D. and fluent Spanish. Probable fields are listed below; details available on request. Applications due June 1, 1980. See also AMERICAN REPUBLICS.

COMMUNICATION
LIBRARY SCIENCE
AGRICULTURAL ECONOMICS
PUBLIC ADMINISTRATION
TEFL
MATHEMATICS
PHYSICS
CHEMISTRY

NIGER — Linda Rhoad

Two awards, Oct 1981-June 1982. Ph.D. preferred, M.A. acceptable. Preference for candidates available two years, but one year acceptable. Fluent French required. U Niamey. See also AFRICA.

NUCLEAR PHYSICS, MINERAL CHEMISTRY, MATHEMATICS, or HYDROLOGY Grantee may be asked to give minicourses and occasional colloquia. Limited laboratory facilities for research in nuclear physics and hydrology. University expects to have two small computers available for mathematics research.

ENGLISH AS A FOREIGN LANGUAGE Candidates should also have competence in American literature and general linguistics. Possibility of field studies in local languages. Rank of assistant professor and minimum of three years teaching experience required.

NORWAY — William Bate

Up to eight awards within period Sept 1981-June 1982. While Foundation usually provides short-term or travel-only support, host institutions often supplement the funding to extend grant period up to a full year. In some instances, Norwegian institutions have identified suitable scholars and encouraged them to apply.

PALEONTOLOGY Micropaleontologist to participate in program for development of paleontological-stratigraphic museum collection of geological materials from Norwegian continental shelf. Paleontological Museum, U Oslo.

ECONOMICS International trade theories, economic development, labor economics, or theory of the firm. Inst of Economics, U Oslo.

AMERICAN STUDIES 19th and 20th century literature and civilization, undergraduate and graduate levels. Dept of English, U Bergen.

GEOPHYSICS Turbulence and Reynolds flux momentum, fjord research, or current measurement and polar research. Inst of Geophysics, U Bergen.

AMERICAN CIVILIZATION Senior scholar to develop undergraduate and graduate programs, supervise theses, and build up library holdings and other facilities for teaching and research. Dept of English, U Trondheim.

CHEMISTRY Transport mechanisms in biological membranes. Div of Physical Chemistry, U Trondheim.

AMERICAN LITERATURE 19th and 20th century for undergraduates. U Tromso.

MATHEMATICS Use of computers in field of plant systematics, utilization of Nova computer installation at Skibotn field station. Inst of Math Science, U Tromso.

UNSPECIFIED FIELD Applications are welcome from scholars in all fields, particularly in those of mutual value to American and Norwegian scholars.

PAKISTAN — Lydia Z. Gomes

Four lectureships, Sept 1981-June 1982. Fields listed in priority order. Scholars in other fields are also invited to apply. Approximately two graduate-level courses per semester.

ECONOMICS/MANAGEMENT Applied economics, public and/or business. Practical rather than theoretical emphasis. Opportunity to participate in departmental research. Quaid-i-Azam U, Islamabad or Karachi U.

ANTHROPOLOGY Social and cultural. Teaching and supervision of fieldwork of M.A. students. Quaid-i-Azam U, Islamabad.

PHYSICS Quaid-i-Azam U, Islamabad; or
GEOLOGY Peshawar U or U Baluchistan, Quetta; or
ANALYTICAL CHEMISTRY U Sind, Hyderabad.

TEFL or REMEDIAL ENGLISH U Karachi.

APPLIED ARTS Graphics, industrial design, or other specialties related to economic development. National College of Art, Lahore.

AMERICAN LITERATURE Survey course of selected 19th/20th century writers. Opportunities for public lectures. U Punjab, Lahore.

PANAMA — Alla Dombrovsky

One lectureship, Sept 1981-Aug 1982. Ph.D., rank of assistant professor or higher, teaching experience and fluent Spanish required. Applications due June 1, 1980. See also AMERICAN REPUBLICS.

AMERICAN LITERATURE Undergraduate courses in area of specialization; direction of theses. U Panama.

PARAGUAY — Alla Dombrovsky

One lectureship, Feb-Dec 1981. Catholic U, Asuncion. Ph.D., rank of assistant professor or higher and lecturing ability in Spanish. Applications due June 1, 1980. See also AMERICAN REPUBLICS.

BUSINESS ADMINISTRATION
EDUCATION
POLITICAL SCIENCE
SOCIOLOGY

PERU — Anne Carpenter

Up to 10 awards each for 5 months beginning April or Aug 1981 unless otherwise specified. Good to fluent Spanish required. Applications due June 1, 1980. See also AMERICAN REPUBLICS.

REGIONAL DEVELOPMENT PLANNING Planner with background in methodology to teach courses at the Lima Planning Institute of National U of Engineering and a one-month course at a provincial university.

STUDENT COUNSELING Courses on student counseling methods and advice on new counseling programs. Affiliation to be arranged.

EDUCATIONAL ADMINISTRATION Lectures on university development planning, curriculum planning, teaching methods, evaluation. Assist in developing education programs for university administrators and professors; give workshops at the Universities of Trujillo and Piura; offer special seminars. Five or nine months between April and Dec 1981.

Research/Teaching Awards Affiliation to be arranged; applicants may indicate preferred institutions. At least one course in institution of affiliation.
PRESERVATION OF CULTURAL HERITAGE One or two awards. Scholars with research/teaching projects in fields that contribute to understanding of Peru's cultural heritage, including archaeology, history, museology, Latin American studies.
FINE ARTS/HUMANITIES One or two awards. Scholar will have opportunity for creative activities and will teach at an institute or university. Preferred fields are music, ethnomusicology, ballet, printmaking, painting, sculpture, photography, literature or philosophy.

ECONOMIC DEVELOPMENT Preference for scholar with research project related to study of economic development and national decentralization. Also teach course at Lima Planning Institute of National U of Engineering.
APPROPRIATE TECHNOLOGIES Scholar with research project aimed at creating or adapting appropriate technologies that contribute to economic development and/or regional decentralization.
ARID ZONES Scholar with research project related to economic or social development of arid zones, either coastal or high altitude.

PHILIPPINES — Marguerite Hulbert

Seven 9-month lecturing awards, two 10-month research awards starting June 1981.

SCIENCE EDUCATION Two awards in physics, mathematics, chemistry or biology. Advise dissertation students, organize/implement faculty development programs. Physics candidate should be experimentalist capable of fabricating equipment to work with teachers at all levels in skills-upgrading project. Affiliations: U Philippines Science Education Center, Manila; Math and Science Consortium, De La Salle U; or Ateneo de Manila U.

ANTHROPOLOGY, SOCIOLOGY or PSYCHOLOGY One award. Lectures and short seminars in recent methodological approaches. Affiliation to be determined.

AMERICAN STUDIES Cross-cultural specialist to lecture at American Studies seminar, edit proceedings of seminar. Lecture at one of the University Consortia.

AMERICAN THOUGHT and CIVILIZATION Lecturer with strong understanding of development in Southeast Asia.

SOCIAL or PHYSICAL ANTHROPOLOGY Scholar experienced in work on cultural change. Affiliation to be determined.

PHILIPPINE STUDIES RESEARCH Two 10-month postdoctoral research awards to study some aspect of the political, social, or economic development of the Philippines since 1945.

POLAND — Georgene B. Lovecky

Fifteen lecturing awards, Sept 1981-June 1982 or as indicated. Openings may become available in other fields. Interested scholars are invited to inquire,indicating specialization and background. Research awards are not available at present. Since housing is in short supply throughout the country, applications cannot be encouraged from scholars with large families.

AMERICAN LITERATURE Six awards. Survey course, a more specialized course for advanced students, seminar for those preparing master's theses. American literature specialists required; possible opportunities to teach in the American backgrounds courses for scholars who are specialized in other aspects of American studies. U Warsaw, Gdansk, Lublin, Krakow, Sosnowiecz, Wroclaw.

ECONOMICS or BUSINESS ADMINISTRATION One lectureship in international marketing, management, domestic and international finance, international economics or comparative/international accounting. Assistance in curriculum planning. Associate or full professor required. Central School of Planning and Statistics, Warsaw.

ECONOMICS and BUSINESS ADMINISTRATION Two short-term lectureships (4-8 week) for senior scholars in any of these areas: East/West trade, analysis of current U.S. business cycles, protectionist trade theory and policy, international capital flow. Lectures in English but knowledge of Polish helpful. Academies of Economic Studies, Warsaw, Krakow, or Poznan.

ENGLISH AS A FOREIGN LANGUAGE Two awards for younger scholars for Technical U, Wroclaw and Higher School of Pedagogy, Bydgoszcz. Teaching of English to students at all levels. For Wroclaw, background in scientific English desirable.

LINGUISTICS Six awards in either theoretical linguistics (specialization in phonetics, syntax, or semantics) or applied

linguistics (TEFL methodology, psycholinguistcs, or sociolinguistcs). U Warsaw, Poznan, Lodz, Lublin, Sosnowiecz.

SOCIAL PSYCHOLOGY One-semester lectureship, Sept-Dec 1981 or Feb-May 1982. Affiliation to be arranged.

A lectureship is also available at U Warsaw in: POLITICAL SCIENCE, AMERICAN HISTORY, PSYCHOLOGY, ECONOMICS, or PHILOSOPHY.

PORTUGAL

Gladys Semeryan

Three lecturing awards (1 senior, 2 junior), 8 lecturing/research awards, for periods indicated within Oct 1981-July 1982.

AMERICAN STUDIES Give seminars at postgraduate level, mainly to assistant lecturers who are Ph.D. candidates; serve as thesis adviser. U Coimbra. Jan-June 1982.

EDUCATION Two lecturing/research awards to help prepare academic staff for new teacher training colleges. Teach postgraduate courses and supervise research in: teaching of the social sciences, science education or principles and curriculum development in elementary school; special education; or education research. Ministry of Education. Three months.

PLANT PHYSIOLOGY Collaborate in research on plant hormones and growth regulations, lecture at postgraduate level. U Lisbon. Six months within Oct 1981-June 1982.

CHEMISTRY Collaborate in research and teach a postgraduate course on: homogeneous catalysis, thermodynamic properties of fluids and their mixtures, or electroanalytical chemistry. Center of Structural Chemistry, Lisbon Technical U. Jan-June 1982.

ELECTROANALYTICAL METHODS Collaborate in research and lecture at postgraduate level, mainly on voltametry. U Oporto. Jan-Mar 1982.

ECONOMICS Teach postgraduate courses and supervise research in: microeconomic theory, economic planning, applied econometrics, or monetary theory and policy. New U Lisbon. Oct 1981-Mar 1982.

PUBLIC ADMINISTRATION Give courses and advise on programs and curriculum on: personnel management, economic and social planning, commercial management, or entrepreneurial planning, Oct 1981-Mar 1982; operations research, human relations, public relations, or financial management, Feb-July 1982. Natl School of Administration.

JOURNALISM Lecturer/researcher to work with the Secretary of State for Mass Communication and universities in launching journalism courses in new School of Journalism. Six months within Oct 1981-July 1982.

JUNIOR LECTURESHIPS IN AMERICAN LITERATURE Two awards. Applications due November 1, 1980. Lecturer to give two undergraduate courses, one in literature, the other in culture. Nov 1981-June 1982, U Coimbra. The other lecturer to give general course at undergraduate level. Jan-June 1982. U Oporto.

ROMANIA

Georgene B. Lovecky

Ten lecturing awards, and up to seven research awards, Sept 1981-June 1982 or as indicated. Openings in other fields may become available. Interested scholars are invited to inquire, indicating specialization and background. Since housing is in short supply throughout the country, applications cannot be encouraged from scholars with large families.

AMERICAN LITERATURE Three or four lecturing awards. Survey course and more specialized course(s) in lecturer's area of specialization. Particularly outside Bucharest, lecturers may be asked to take sections of the curs practic, conversation/composition classes in which literature materials can be used. Bucharest, Cluj, Iasi, and possibly Timisoara.

AMERICAN CULTURAL/SOCIAL HISTORY Survey and one or two more specialized courses in American civilization. U Sibiu or U Cluj.

ECONOMICS One full-year or two one-semester lectureships in: foreign trade and international finance, monetary theory and policy, econometrics. Academy of Economic Studies, Bucharest.

LINGUISTICS Any area, including: phonology, syntax, semantics; psycholinguistics; sociolinguistics. Background in Romance languages helpful but not mandatory. U Bucharest.

TEACHING OF ENGLISH Four or five awards to teach English at all levels. U Constanta, Galati, Pitesti, Sibiu, and possibly Timisoara.

RESEARCH IN ANY FIELD Up to 7 awards for research in any field. Language competence as required by project. Affiliation to be arranged based on candidate's preferences.

RWANDA — Linda Rhoad

Two awards, Sept 1981-June 1982. Ph.D. or M.A., college teaching experience, fluent French required. Peace Corps experience helpful. Opportunity for research. National U Rwanda, Butare. See also AFRICA.

TEFL METHODOLOGY/ENGLISH LITERATURE Ph.D. or M.A. required.

AMERICAN LITERATURE Novel and short story, concepts of literature, drama, literary criticism, composition. Ph.D. required.

SAUDI ARABIA — Gary Garrison

One award, Oct 1981-July 1982. Knowledge of Arabic helpful but not required. Stipend of $1800/mo plus cost of living.

AMERICAN STUDIES Specialist in curriculum development to teach courses in American studies, possibly some poetry, consult on curriculum development; undergraduate instruction, 3-6 hours weekly. Experience in EFL desirable, though not necessary. U Riyadh.

SENEGAL — Linda Rhoad

Two awards, Oct 1981-July 1982. Ph.D. and fluent French required. Preference for experienced professors available for two years. Opportunity for research. U Dakar.

AMERICAN LITERATURE and CIVILIZATION Scholar with background in Afro-American studies preferred.

ECONOMICS Development economics.

SINGAPORE — Marguerite Hulbert

Two awards, within June 1981-June 1982.

SOUTHEAST ASIAN STUDIES International affairs or economics, with preference for projects dealing with problems of development, modernization, political and social change or those related to ASEAN or the Pacific Basin; Inst of Southeast Asian Studies for 12 months. Or, JOURNALISM Practicing journalist in print or electronic media who wishes to broaden expertise in international field of the area. Travel to nearby countries possible; 6-12 months.

AMERICAN HISTORY Associate or full professor to offer courses on U.S. political history, international relations of Pacific Powers and/or honors course. June 1981-June 1982. Scholars available during 1980 are also invited to inquire.

SPAIN — Gladys Semeryan

Up to 4 junior lectureships for younger scholars (recent Ph.Ds or advanced Ph.D. candidates), each for 6/9 months between Sept 1981-June 1982. Lectures are in English, although knowledge of Spanish is helpful. Applications due Nov 1, 1980.

AMERICAN CIVILIZATION, including literature, culture and some history. Knowledge of English civilization may be useful on a basic comparative level. Universities of Barcelona, Seville, Deusto and Oviedo or Santiago de Compostela.

SPAIN RESEARCH FELLOWSHIPS — Gladys Semeryan

CIES administers postdoctoral fellowships for research under the provisions of the Treaty of Friendship and Cooperation between the United States of America and Spain. Fields of preference vary but for 1980-81 included Anthropology, Arts, Communications, Economics, Education, Humanities, Law, Political Science, Psychology, and Social Science. Competence in oral and written Spanish is required according to the needs of the proposed research.

Subject to renewal of the program in Madrid by the Joint U.S.-Spanish Committee for Educational and Cultural Affairs, the 1981-82 program will probably be announced in February 1981, at which time the announcement, special application forms, and any additional information will be sent upon request.

SRI LANKA — Lydia Z. Gomes

Up to three lectureships, one or two semesters within Sept 1981-July 1982, as indicated. Fields listed in priority order.

BUSINESS/PUBLIC ADMINISTRATION One or more masters level management courses: project preparation and evaluation, organizational behavior, production management, development planning, international trade and commerce, transport management, marketing research. Grantee will also develop case studies, supervise research projects, and initiate faculty publications. U Sri Jayawardenepura. Sept 1981-July 1982.

ANIMAL SCIENCES Help develop Department of Animal Sciences and teach masters level veterinary science courses, including extension methodology, livestock economics, veterinary medicine, parasitology, pathology and physiology. U Peradeniya. Sept 1981-July 1982.

EDUCATION Experienced senior professor or administrator to assist in establishing graduate school covering multiple disciplines. U Colombo. One semester.

INDUSTRIAL MANAGEMENT Prepare B.Sc./M.Sc. and diploma courses in

areas including operations research, systems analysis, production management, marketing and quality control. Should have science or engineering background. U Kelaniya. One semester.

RELIGION Help organize undergraduate and graduate courses in comparative religion. Senior professor with Theravada Buddhist traditions desired. U Peradeniya. One semester.

SUDAN — Gary Garrison

Up to four awards, July 1980-Apr 1981. Ph.D. and rank of professor or associate professor required. Knowledge of Arabic an asset, but not required. Stipend of $1800/mo plus 20-25% cost of living.

SOCIAL ANTHROPOLOGY/SOCIOLOGY Lecture on general anthropological and sociological theory, criminology to undergraduate and honors students; 6-8 class hours weekly; consultation on departmental developments; research facilities available. Aug 1981-Apr 1982. Khartoum U.

ECONOMETRICS Lecture on value of distribution for honor students and intermediate microeconomics for third year students, 6-8 class hours weekly; supervision of theses and consultation on curriculum. July 1981-Apr 1982. Khartoum U.

ELECTRICAL ENGINEERING Lecture on electrical power systems at undergraduate level, 5 hours weekly; supervise final year student projects and consult on curriculum; research facilities available. July 1981-Apr 1982. Khartoum U.

AGRICULTURAL MECHANIZATION Scholar with background in power and machinery, environmental controls and structures, process engineering, chemical application technology, or irrigation engineering experience to aid in establishment of department of agricultural engineering, lecturing 2 hours weekly at undergraduate level; research facilities available. Oct 1981-June 1982. Gezira U, Wad Medani.

ENGLISH AS A FOREIGN LANGUAGE Lecture on EFL or language/literature at advanced undergraduate level 8 hours weekly, consult on curriculum. July 1981-Apr 1982. Omdurman Islamic U.

PHYSIOLOGY Undergraduate instruction. Sept 1981-July 1982 (2-month break, Jan-Feb). Juba U.

Alternate fields:
ZOOLOGY Lecture in animal ecology or genetics at undergraduate and graduate levels; seven class hours weekly; consult on curriculum and supervise student theses. July 1981-Apr 1982. Khartoum U.
MASS COMMUNICATION Lecture in choice of following: international information systems, history of printing press, sociology of communications, public opinion and propaganda, theories and processes of communication, management of radio, newspaper and television; 8 class hours weekly; consult on curriculum. Research opportunities available. July 1981-Apr 1982. Khartoum U.
ENGLISH AS A FOREIGN LANGUAGE Lecture to undergraduate honors students, graduate diploma and some M.A. students on EFL, syllabus designing, and relevant EFL topics; consult on curriculum; supervise 2-3 graduate students. Research facilities available. Sept 1981-Sept 1982. Khartoum U.
ENVIRONMENTAL STUDIES Khartoum U.

SURINAM — Alla Dombrovsky

One lectureship, Oct 1981-Mar 1982, U Surinam, Paramaribo. Ap-

plications due June 1, 1980. See also AMERICAN REPUBLICS.

GEOGRAPHY, ECOLOGY or ECONOMICS Faculty of Natural Resources.

SWAZILAND — Linda Rhoad

One award, Aug 1981-May 1982. Preference for candidates available for two years. U College Swaziland, Kwaluseni.

POLITICAL SCIENCE Public administration. Undergraduate level. Opportunity for research.

SWEDEN — William Bate

Six awards: three carry a maintenance stipend for three months and three are for travel-only, within Sept 1981-June 1982. Host institutions are sometimes able to provide partial maintenance support, thereby permitting extension of the 3-month grant period. Fields are in priority order.

CIRCUMPOLAR ANTHROPOLOGY Undergraduate course in American anthropology and graduate seminar in circumpolar anthropology; participate in disciplinary research in the anthropology, history and linguistics of the circumpolar area. Umea U.

AMERICAN ENGLISH Lectures and seminars at undergraduate and graduate levels in topics such as American social and geographical dialects, the language of politics, and sociolinguistic rules in American English. Preferably fall semester 1981. Stockholm U.

ECONOMIC HISTORY Lectures in the "new" economic history, including areas of mathematical modeling and use of quantitative historical materials; participate in department research projects. Uppsala U.

PSYCHOLOGY Lecture on perception and environmental psychology; participate in research on behavioral psychology. Stockholm U.

AMERICAN STUDIES TRAVEL AWARD Lecturer for a two-year period in American civilization, with emphasis on American literature and/or linguistics. Host institution expected to provide maintenance support. Gothenburg U.

SWEDISH STUDIES TRAVEL AWARDS Up to two travel-only grants to support lecturing and/or research projects in any area relating to Swedish culture and society.

SYRIA — Gary Garrison

Up to 6 lecturing awards, and 3 research awards, Oct 1981-June 1982. Knowledge of Arabic helpful but not required. $1800/mo stipend plus 15-25% cost of living.

AMERICAN/ENGLISH LITERATURE Three awards to lecture on general survey of American and world literature and in scholar's specialization. Undergraduate and graduate levels, 12 class hours weekly. Damascus U, Aleppo U, Tishreen U, Lattakia.

ANCIENT NEAR EASTERN LANGUAGES/ARCHAEOLOGY/ANCIENT HISTORY One or two awards for joint work at Universities of Damascus and Aleppo and government's Department of Antiquities.

UNSPECIFIED FIELD Applications accepted for lecturing in any field except modern social sciences. Scholars able to lecture in Arabic preferred although knowledge of Arabic is not required. Suggested

fields: history, geography, philosophy, fine arts, education, mathematics, biology, chemistry, physics, architecture, civil engineering, electrical engineering, mechanical engineering, economics, business administration, international and comparative law. Damascus U.

RESEARCH Up to three grants for research in humanities, including pre-WWI history, archaeology, ancient Near Eastern languages, fine arts. Scholars must have appropriate language facility.

TAIWAN — Marguerite Hulbert

Up to 8 awards, Aug 1981-July 1982 and up to 5 short-term research awards. Lecturers to be affiliated with one or two institutions for 10 hours to graduate and undergraduate classes of 5 to 50. Courses may cover topics other than the ones given. Consultation on curriculum, supervision of student theses, public lectures, participation in research. Ph.D. and at least three years of teaching experience required, except for TESL/Drama. Full or associate professors preferred.

Lectureships
AMERICAN STUDIES American history, with emphasis on American culture and intellectual history. Lecturer may be invited to participate in activities of Institute of American Culture, Academia Sinica for ½ day per week. Specialist in American studies preferred. Tamkang College of Arts and Sciences, Taipei.
BUSINESS ADMINISTRATION Information system analysis, design of information processing system, management application of data processing, systems design and analysis for management. Natl Chengchi U, Taipei or Tunghai U, Taichung.
POLITICAL SCIENCE Seminar in American government, courses in comparative politics, new trends in political science, empirical political theories, political behavior. Natl Chengchi U, Taipei.
SOCIOLOGY/SOCIAL WORK Applied sociology, theories of social work, theories and techniques of consultation; seminar on community organization, urban planning and social policy. Natl Taiwan U, Taipei or Tunghai U, Taichung.
WESTERN ART HISTORY Graduate and undergraduate courses in art appreciation for students in the humanities. College of Arts, Natl Taiwan U, Taipei.

Junior Lectureships, preferably for recent Ph.D.s.
EDUCATION Seminar on special education, gifted education or related subjects. Kaohsiung Teachers' College.
TESL/DRAMA Sociolinguistics, general linguistics and drama; direct student drama activities. Natl Chengkung U, Taiwan.

Research
CHINESE STUDIES History, literature, or art history. Fluency in both written and spoken Chinese desirable. Academia Sinica, Natl Taiwan U, or Natl Palace Museum.
CHINESE CIVILIZATION Up to 5 short-term awards for research in Taiwan in fields related to the study of ancient or modern Chinese civilization, culture and society. Natl Palace Mulseum, Academia Sinica or univerity affiliation. July-Aug 1981.

TANZANIA — Linda Rhoad

Two awards, July 1981-April 1982. Preference for senior scholars available for two years, though one year is acceptable. U Dar es Salaam. See also AFRICA.

LAW Constitutional and/or criminal
MANAGEMENT Accounting and/or finance
PHYSICAL OCEANOGRAPHY or GEOPHYSICS

THAILAND — Marguerite Hulbert

Four awards, June 1981-Feb 1982.

BUSINESS ADMINISTRATION/ACCOUNTING Lecture and consult in expanding Faculty of Commerce and Accountancy. Students have MBA and M.S. in accounting. Strong background in business administration required. Availability for two years preferred. Thammasat U, Bangkok.

AMERICAN STUDIES Diplomatic history, international relations with special interest in Asian security, defense issues and in current world affairs. Continuation of project started in 1976. Lectures, assistance in curriculum planning, advice on strengthening American studies program. Preference for candidate available for two years. Chulalongkorn U, Bangkok.

BUSINESS ADMINISTRATION Teach advanced courses in management of marketing strategy, financial management and control, or management control and information systems; participate in team research; consulting activities. Senior scholar preferred. National Institute of Development Administration (NIDA), Klong Chan, Bang Kapi.

UNIVERSITY ADMINISTRATION Specialist in organization and administration to assist and advise rectors of three provincial universities in new project. Office of University Affairs, Bangkok.

TRINIDAD-TOBAGO — Alla Dombrovsky

One lectureship, Sept 1981-June 1982, U West Indies, St. Augustine. Ph.D., rank of associate professor or higher, and considerable teaching experience required. Applications due June 1, 1980. See also AMERICAN REPUBLICS.

PETROLEUM ENGINEERING

TUNISIA — Gary Garrison

One award, Oct 1981-June 1982. Professor or associate professor with interdisciplinary experience preferred. Language of instruction is English but conversational French useful.

AMERICAN STUDIES American history, civilization or literature at undergraduate and graduate levels. About 8 hours instruction weekly. Scholar should be able to teach using cultural concepts and comparative methods. U Tunis.

TURKEY — Gary Garrison

Up to 8 lectureships, Oct 1981-June 1982 or one semester within this period when specified. Lectures and seminars, supervision of graduate theses, advice on programs, participation in research. Instruction in English except where noted. Minimum rank of associate professor. Stipend of about Turkish 39,000 lira per mo., adjusted for inflation and number of dependents, plus $150-350 dollar supplement.

ACCOUNTING/FINANCE Undergraduate courses in cost accounting, business finance, business finance for industrial engineering, graduate course in profit planning and control; serve on Ph.D. examining committee; participate in research. Lectures 7 hours weekly, 60-180 undergraduates, 30 graduates. Bogazici U.

AMERICAN LITERATURE Assignment at two institutions. Ankara U: Courses in 20th century American literature (50 undergraduates) and

20th century American poetry (15 graduates); 5 class hours weekly. Hacettepe U, Ankara: American literature and civilization, first semester; 20th century American novel, 2nd semester; 3 class hours weekly, 20 graduates; films and tapes available.

DIGITAL SYSTEMS/COMPUTER TECHNIQUES Specialist to assist in establishment of Chair of Circuits and Systems, advise on courses and programs, lecture in own field. Istanbul Technical U. One or two semesters.

FOOD PROCESS ENGINEERING Basic processes, including distillation, extraction, process control, pasturization, drying, freezing, packaging; 6 class hours weekly, 50 undergraduates. Interpreter provided. Initiate and participate in research. Ege U, Izmir. One or two semesters.

LIBRARY SCIENCE Graduate courses in automation, information retrieval, developments in library science, organization and management; 9 class hours weekly, 19 graduates. M.A., M.L.S. or Ph.D. with associate professor rank. Interpreter provided. Hacettepe U, Ankara.

NONFORMAL EDUCATION Teach 3 graduate courses on development of nonformal education, special topics, methodology for nonformal education and introductory undergraduate course; 6 class hours weekly, class size 7-15. Thesis supervision, program development, research. Bogazici U, Istanbul.

STATISTICS One graduate and one undergraduate course in design of experiments (factorial, nested, analysis of covariance, random and mixed effect models), undergraduate course in sampling and survey design, and graduate course in sampling theory; 9 class hours weekly, 15-30 undergraduates, 10 graduates. Model 370-145 computer available for research; projects underway on multivariant analysis, experimental design, seismic risk analysis, and time series analysis. Middle East Technical U, Ankara.

TOURISM MANAGEMENT Graduate courses and seminars in personnel training, service sector problems, service industry projects, training managers, and personnel problems; 7 class hours weekly. Interpreter provided. Ege U, Izmir.

Alternate fields to those listed above for one or two semesters:
ACOUSTICS and LIGHTING IN ARCHITECTURE Graduate level lectures, 5 students. Advise on graduate program, participate in research, e.g. solar energy use, design with computers, environmental behavior, natural lighting. Middle East Technical U, Ankara.
ENVIRONMENTAL ENGINEERING Courses on purification of drinking water, industrial pollution, instrumental operations in purification, radiologic pollution, and/or physiochemical phenomena. Graduate and undergraduate levels, 8 class hours weekly, 10-14 students. Participate in research, e.g., biologic and kinetic research on polluted water, purification of polluted water, elimination of air pollution and solid waste. Interpreter provided. Ege U, Izmir.
FINANCE/ECONOMICS Lectures on any of following topics: welfare theory, economic development, financial markets, labor economics, international trade theory, financial markets, domestic monetary and financial theory and policy; 6 class hours weekly, 15 graduates, two semesters. Participate in research. Ege U, Izmir.
GEOLOGICAL ENGINEERING Courses in geological engineering, rock mechanics, soil mechanics; 8 class hours weekly, 60 undergraduates, 5 graduates. Participate in local projects. Interpreter provided. Ege U, Izmir.
LANDSCAPE PLANNING/ARCHITECTURE Courses in methods and techniques of landscape planning for parks, athletic fields, botanic gardens,

neighborhood recreational needs, rural area. Graduate and undergraduate, 4 class hours weekly, 5-20 students. Direct and participate in research. Interpreter provided. Istanbul U.
TELECOMMUNICATION/ELECTRONIC ENGINEERING Graduate instruction in general design of communication lines; 4 class hours weekly, 10 students. Supervise theses, participate in research, consult on program and laboratory design. Research underway on microwave communication, intersymbols interference and electromagnetic leakage from cables. Hacettepe U, Ankara.

UNSPECIFIED FIELD Proposals accepted for lecturing at any university in any field, with preference for scientific and engineering fields. Full academic year or one semester.

RESEARCH Two awards for postdoctoral research in Turkish studies or Anatolian civilizations. Nine months.

U.S.S.R. ——————————————— William James

Grants for lecturing have been awarded since 1973 under the exchange program between the Governments of the United States and the Soviet Union. The exchange agreement between the two countries expired December 31, 1979, but it is expected that this exchange will be continued for the 1981-82 academic year.

Approximately 20 awards, administered through cooperating Soviet ministries, for a full semester or academic year. Knowledge of Russian useful but not required. Affiliation is arranged by the Ministry of Higher and Secondary Specialized Education (up to 20 awards) or the Ministry of Education (up to 4 awards under "Education"). The following academic fields reflect interests expressed by Soviet institutions. When a specific topic is not mentioned, the institution is willing to consider any specialist within the discipline. Scholars interested in teaching in fields not listed are invited to inquire about opportunities, indicating specialization and background. Research awards not available. (SU - State University; PI - Polytechnic Institute; I - Institute)

AMERICAN FOLKLORE Leningrad SU.

AMERICAN HISTORY and POLITICS Kiev SU, Leningrad SU, and Tashkent SU. Moscow SU: American political parties during the 19th and 20th centuries.

AMERICAN LITERATURE Moscow SU, Kiev SU: 20th century American literature. Leningrad SU and Tbilisi SU.

ANTHROPOLOGY Kemerovo SU, Leningrad SU: ethnography.

ARCHITECTURE/CITY PLANNING Moscow Architecture I, Belorussian PI, Georgian PI, Sverdlovsk Architecture I, Vilnius Engineering I.

ART HISTORY Leningrad SU.

ASTRONOMY Odessa PI.

BALTIC STUDIES Vilnius SU: Baltic history or language.

BIOLOGY/BOTANY Azerbaijan SU: photobiology and bioluminescence. Leningrad SU: molecular biology and genetics, movement control mechanisms, measurement of electrical [illegible]ivity of brain cells, neurophysiology. Moscow SU: molecular [illegible]ogy and genetics, photobiology, microbial physiology. Lum[illegible] U, Moscow: bacterial plasmids. Tbilisi SU: plant phy[illegible]. Vilnius SU: molecular biology and genetics.

CHEMISTRY Kharkov SU: electronic structure of molecules in solids. Kiev PI: chemistry of carbohydrate structures. Leningrad PI: surface science, auger spectroscopy, metallic state chemistry. Lensovet Technological I: coordination chemistry. Moscow I Fine Chemical Technology: polymer chemistry. Moscow SU: analytical chemistry, atomic spectroscopy and trace analysis, chemical lasers, photochemistry, theory of liquid structure, polymer chemistry, nucleic acid biochemistry. Tashkent Highway I: non-flammable polymer materials.

COMMUNICATIONS Azerbaijan PI: contemporary systems of color television. Lvov SU: biophysics of speech communication.

COMPUTER SCIENCE Moscow I Steel and Alloys: computer modeling, control engineering. Moscow I Management, Leningrad SU, Vilnius SU, Kiev SU: applied specialist. Kiev PI: digital techniques. Leningrad PI: theories of systems dynamics. Novosibirsk SU: pattern recognition and artificial intelligence. Sevastopol Instrument Building I: automatic control theory. Simferopol SU: development of magnetic materials for electronics and computer techniques. Tbilisi SU: optimal solutions in management of large systems.

ECONOMICS Moscow SU: environmental economics, American political economy.

EDUCATION I Pre-School Education Moscow: scholarly pedagogical research, educational development in the U.S., new technical methods of instruction, test and measurement design, cognitive development, personality development. Moscow SU: cognitive development, achievement and ability testing. I Defectology, Moscow: assessment and measurement of mentally retarded. Leningrad Hertzen Pedagogical I: curricula design and innovation, individualized instruction, programmed instruction, computer-assisted instruction, teacher preparation. Uznadze I Psychology, Tbilisi: TEFL methodology, bilingualism, cognitive development of children. I Pedagogy of Soviet Georgia: curricula development, cognitive development of children. Pushkin Russian Lang I Moscow: TESL methodology.

ENGINEERING Azerbaijan Petroleum Engineering I: petroleum engineering. Azerbaijan PI: planar and spatial linkage systems, solid state electronics. Belorussian PI: vehicle design and construction. Georgian PI: theory of mechanisms and machines, dynamics of spatial mechanisms, cutting materials. Kharkov SU: microelectronics. Kiev PI: circuit theory, radio technology, automated control systems, control of electro-energy systems, theory of filtration, parameter estimation, methods of modeling of engineering problems. Bauman Higher Technical I Moscow: turbomechanics. Moscow Civil Engineering I: construction of multistoried buildings, industrial control, hydroelectric technology, application of plastics in construction. Moscow Gubkin Oil and Gas I: petroleum engineering, elastic hydrodynamic theory of friction, surface chemistry and kinetics of porous surfaces, exploiting oil and gas desposits. Odessa PI: mathematical modeling of thermo-energetic processes. Odessa SU: combustion of liquid fuels. Sevastopol Shipbuilding I: automated network design and system theory. Simferopol SU: microelectronics. Vilnius Engineering I: automotive control systems in construction. Far East Polytechnical I Vladivostok: theory and mechanics of shipbuilding. Volgograd PI: mechanics of contemporary materials and construction. Zaporozhe Engineering I: circuit theory, chemical bonding in solids, micro-schemes and micro-processes.

GEOGRAPHY Leningrad SU, Moscow SU: resource geography, economic geography of the U.S.A.

GEOPHYSICS Georgian PI: seismology, seismo-stability of hydrotechnical structures. Kazakh Polytechnical I: complex mechanization

of underground mining. Leningrad Mining I: ore treatment, geothermal energy. Moscow Geological-Prospecting I: petrology and petrography of igneous rocks. Moscow Mining I: open pit and strip mining techniques. Moscow SU: engineering geology and soil mechanics. Moscow SU, Moscow Geophysical Prospecting I: geophysical prospecting. Novosibirsk I Geodesic Engineering: aerospace geodesy, methods of determining gravitational field and shape of the earth, construction of a single coordinating system. Novosibirsk SU: numerical modeling of atmosphere.

LAW All-Union Extra-Mural Law I.

LINGUISTICS/TEFL (See also Education) Belorussian SU: TEFL methodology. Kiev SU: American English, generative or transformational grammar. Leningrad PI: American English. Moscow SU: TEFL methodology. Tashkent SU: American English. Tbilisi SU: psycholinguistics, comparative linguistics. Vilnius SU: phonology of Old English.

MANAGEMENT Belorussian PI, Leningrad PI, Moscow I Management.

MATHEMATICS/STATISTICS Belorussian SU: topology. Erevan PI: generalized integral transformations. Kiev SU, Minsk SU; theoretical math. Leningrad SU, Moscow SU: problems of theoretical statistics, especially probability. Moscow SU: differential equations of mathematical physics. Moscow SU: topology. Moscow SU, Tashkent SU: harmonic analysis and theory of trigonometric numbers. Novosibirsk SU: theoretical math, theory of quasi-conformal mappings, nonlinear equations of physics. Tbilisi SU: topology, stochastic processes.

METALLURGY Donetsk PI: diffusion processes in metals, use of powder metallurgy for production of ingots, crystallization of ingots. Kharkov SU: magnetic properties of rare earth metals and their compounds.

PHYSICS Azerbaijan SU: elementary particles, phase transfer. Erevan PI, Kiev PI: solid state. Kiev SU: solid state, nuclear. Kazan SU: narrow-gap semi-conductors and semi-metals. Kharkov SU; non-metallic highly-conductive compounds. Leningrad SU: atmospheric space research. Moscow SU: theoretical nuclear physics, solid state. Moscow SU: theoretical astrophysics, gravitation theory. Moscow Energy I: thermonuclear studies. Moscow Engineering and Physics I: fast particle radiation in matter. Novosibirsk SU: plasma physics, thermophysics, fluid mechanics, rarefied gas dynamics. Simferopol SU: development of magnetic materials.

PSYCHOLOGY (See also EDUCATION) Erevan SU: educational psychology. Kiev SU, Moscow I Management: industrial psychology. Moscow SU: physiological psychology, child psychology. Leningrad SU, Moscow SU: nonverbal behavior.

RUSSIAN or UKRAINIAN HISTORY Kiev SU.

UNITED KINGDOM

William Bate

Up to 12 awards, Sept 1981 to June 1982. Some British universities have identified suitable scholars and encouraged them to apply.

INTERNATIONAL ECONOMIC RELATIONS Lecture and collaborate on research. Politics of international monetary relations as seen in Britain and America, especially the reserve currency role and the management of international financial markets. Assistance in development of interdisciplinary approaches (economics, politics, history) in the development and current status of the international monetary system. London School of Economics and Political Science.

OCEANOGRAPHY Collaborative research involving theoretical and model studies designed to increase understanding of ocean-atmosphere dynamics, with particular reference to the North Atlantic region. Dept of Applied Mathematics and Theoretical Physics, U Cambridge.

LATIN AMERICAN HISTORY Specialist in Latin American history, preferably the 18th and 19th centuries, with an interest in American and/or British involvement in South America (earlier Hispanic period acceptable), to offer a course in Latin American history, help build a good working library, cooperate in interdisciplinary and inter-faculty teaching and creation of a first degree in Atlantic Studies. U College Wales, Cardiff.

AMERICAN STUDIES Teach integrated undergraduate courses in the comparative history of the Americas. Applicants may be specialists in U.S., Latin American or Caribbean history but should have interest in comparative and/or interdisciplinary study. U Warwick, Coventry.

GRANTS-IN-AID In addition to the above awards, the Fulbright Commission expects to make eight awards without restriction as to field. Awards will carry a stipend of approximately 2,500 pounds for a 9-month period, to be pro-rated for shorter visits. In the past, the Commission has given preference to candidates who (a) propose projects of mutual interest to American and British scholarship, (b) require access to individuals, materials, or institutions of higher education in Britain, and (c) have not recently held a grant of significant duration in the United Kingdom.

UPPER VOLTA — Linda Rhoad

Two awards, Oct 1981-June 1982. See also AFRICA.

MANAGEMENT Theories of management, public administration, management in developing countries. Ph.D. or M.A. with business experience, and fluent French required. National School of Administration (ENA), Ouagadougou.

AMERICAN LITERATURE Courses in English but conversational French necessary. Ph.D. required. National U Upper Volta, Ouagadougou.

URUGUAY — Alla Dombrovsky

Eleven lectureships for periods indicated. Ph.D., rank of associate professor or higher, and considerable teaching experience required. Fluent Spanish essential unless otherwise specified. Applications due June 1, 1980. See also AMERICAN REPUBLICS.

EDUCATION Assist in designing and evaluating university admission tests, possibly a seminar in evaluation. U of Republic. Two months within Apr-Nov 1981.

Transfer of Technology, three awards.
REFRIGERATION Graduate seminar topics (theoretical classes and design of projects) including: usual cycles of action; compressors; automatic control, insulation and accesories; design of freezing chambers for meat, fish, milk, vegetables, etc.; freezing cabinets and tunnels; cooling towers; freezing equipment technology and maintenance for the above foods. Spanish useful but not required. U of Republic. Two months within Apr-June 1981.
CHEMISTRY U of Republic's Department of Inorganic Chemistry is currently working in field of mechanisms of redox reactions of metallic complexes. Grantee to train staff in the application of these studies to complexes in the bioinorganic area, a new topic in the school. Knowledge of Spanish desirable but not essential. Three months within June-Nov 1981.

BUSINESS ADMINISTRATION Theoretical classes, case studies, group discussions on topics including: process consulting, task consulting, technical assistance, consulting for the small enterprise. Spanish required. National Center of Technology and Industrial Productivity. One month within Mar-Apr or June-Aug, 1981.

Medical Sciences, two awards at U of Republic Hospital.
PHYSIOLOGY Hematologic or digestive. Grantee to train faculty and help initiate research project. Courses to be determined between professor and department. Spanish useful but not essential. One month between June and Sept 1981.
VIROLOGY Herpes virus, hepatitis, rubella, cytomegalovirus, measles. Train faculty in modern techniques, initiate research project, lectures for university hospital audience. Spanish desirable but not essential. One month within June-Sept 1981.

Social Sciences, four awards, U of Republic.
BUSINESS ADMINISTRATION Two Professors to teach three-month intensive courses for program leading to Ph.D: research methodolgy, science of administration, theory of organizations, and quantitative methods. Spanish required. Three months within Mar-Dec 1981.
SOCIOLOGY Study of divorce, specifically the social and psychological conditions associated with divorce, and the children of divorced couples. Grantee may be invited to advise on ongoing and future research. Knowledge of Spanish most helpful. Two months within Mar-Oct 1981; best dates Mar 15-May 15.
HISTORY U.S. social history, research methods in history. Graduate level. Opportunity for independent research. Fluent Spanish required. Five months within Mar-Dec 1981.

MUSIC Professor of violin to teach university conservatory students of violin, viola and cello; also teach professional musicians and work with string ensembles. May be invited to give one or more recitals. Spanish not required. Three months within Apr-Oct 1981.

VENEZUELA — Anne Carpenter

Five lectureships, one research award. Spanish fluency as required by assignment. Unless otherwise indicated, awards are offered for the period Sept 1980-July 1981; but in view of the late announcement of these openings, applications will also be accepted for the period, Sept 1981-July 1982. Scholars available for the earlier period should apply immediately; those available for 1981-82 should apply by June 1, 1980. See also AMERICAN REPUBLICS.

AGRICULTURAL ECONOMICS Assist new school for agricultural economics: develop agricultural research, upgrade faculty and staff, establish graduate curriculum, teach courses in specialization, preferably farm management. M.A. or Ph.D. required. Good to fluent Spanish. Natl Experimental U, Barinas.

URBAN DESIGN Teach undergraduate courses (topics to be arranged), advise on undergraduate curriculum in Dept of Urban Studies, and assist in preparing masters program. Must be able to teach in Spanish. U Simon Bolivar, Caracas.

LIBRARY SCIENCE Teach courses in administration and planning, technical processing, documentation and information science; advise on curriculum development for masters program; develop project on cooperative acquisitions and material selection related to extension courses. Teach in Spanish. U Central de Venezuela, Caracas.

SOCIAL DEVELOPMENT/MANAGEMENT Preferably a sociologist, reasonably fluent in Spanish, for interdisciplinary research project(s) on generating new social development/management strategies for administrative changes to (a) improve public services for the poor and

(b) promote community self-reliance and lessen dependence on central government. Also conduct special workshops on executive development programs and participate in seminar-workshop with public officials on innovative social programs. Instituto de Estudios Superiores de Administracion (IESA), Caracas.

INTERNATIONAL ECONOMICS Graduate level courses; consultation on curriculum. Fluent Spanish required. Dept of Energy Economics, U Simon Bolivar. Apr-July 1981.

RESEARCH AWARD Venezuela as a third world leader; or policy/decision making processes. Affiliation to be arranged. Any six months between Jan 1981-July 1982.

YUGOSLAVIA

Georgene B. Lovecky

Sixteen lecturing awards, two or more research awards, and seven travel only grants, Oct 1981-June 1982 or as indicated. Awards may be available in other fields. Scholars interested are invited to inquire, indicating background and specialization.

AMERICAN LITERATURE Two lectureships. U Osijek and U Nis.

SOLAR ENERGY One lectureship. Department of Physics, U Skopje.

NUCLEAR and SOLAR ENERGY One lectureship. Department of Electronics, Mechanical Engineering and Naval Engineering, U Split.

COMPUTER ENGINEERING Lecturing on application on microprocessors. Technical Faculty, U Banja Luka.

CREATIVE ART An established artist to serve as artist-in-residence and lecturer: painting, sculpture, graphic art, poetry or creative writing. Oct-Dec 1981 or Feb-May 1982.

TEACHING OF ENGLISH Ten junior lectureships to teach English. Universities of Banja Luka, Belgrade, Nis, Novi Sad, Osijek, Pristina, Sarajevo, Skopje, Titograd, Tuzla or Zadar.

AMERICAN LITERATURE RESEARCH The Faculty of Philosophy, Zadar, invites collaboration of a specialist on a research project entitled "American Literature in Dalmatia until 1918."

CHEMISTRY RESEARCH Application of chemistry in environmental protection. Dept Chemical Engineering, U Split.

ECONOMICS RESEARCH One 5-month award, either semester, for research on problems in financing development or on approaches to the new international economic order.

NUTRITIONAL REQUIREMENTS OF FISH One 5-month research award, either semester, to study the dependence of fish on environmental factors. Institute of Oceanography and Fisheries, Split.

TRAVEL ONLY GRANTS Four grants are available to scholars in any field. Three grants are offered to scholars affiliated with American universities having exchange agreements with Yugoslav universities.

ZAMBIA

Linda Rhoad

Four awards, Sept 1981-July 1982. Ph.D., five years teaching experience. Prefer scholars available for two years. Opportunity for research. U Zambia, Lusaka. See also AFRICA.

MATHEMATICAL STATISTICS
MANAGEMENT
CIVIL ENGINEERING
ECONOMICS

INDEX

APPLICATIONS IN ANY FIELD

Most of the awards listed in the previous pages are for more or less specific fields or disciplines, but some teaching and research awards are available with little or no restriction as to field. The following area and country listings provide details. Travel-only grants are indicated by an asterisk. Also see Area and Country Studies below.

Africa, lecturing
American Republics, research
Australia
Austria*, research
Belgium
Brazil*
Egypt
France
Germany
Greece, Research
Hungary, lecturing
Iceland, research
India
Indo-U.S.
Israel*, research
Italy*, science and technology
Korea
Morocco
Netherlands
Norway
Pakistan
Romania, research
Spain, non-science research
Sweden
Syria
Turkey
U.S.S.R.
United Kingdom
Yugoslavia*

- ACCOUNTING Africa, Jordan, Lesotho, New Zealand, Poland, Tanzania, Thailand, Turkey
- AGRICULTURE Africa, Argentina, Denmark, Egypt, Ireland, Nicaragua, Sri Lanka, Sudan, Venezuela
- AMERICAN HISTORY Cameroon, Colombia, Denmark, Dominican Republic, Hong Kong, India, Indonesia, Israel, Italy, Jamaica, Japan, Mali, New Zealand, Poland, Romania, Singapore, Spain, Taiwan, Thailand, Tunisia, U.S.S.R., United Kingdom, Uruguay
- AMERICAN LITERATURE Argentina, Australia, Austria, Belgium, Bulgaria, Cameroon, Chile, China, Colombia, Congo, Czechoslovakia, Egypt, Finland, France, Gabon, Germany, Greece, Guatemala, Iceland, India, Indonesia, Ireland, Israel, Italy, Ivory Coast, Jamaica, Mali, Morocco, New Zealand, Norway, Pakistan, Panama, Peru, Poland, Portugal, Romania, Rwanda, Saudi Arabia, Senegal, Spain, Sweden, Syria, Thailand, Tunisia, Turkey, U.S.S.R., Upper Volta, Yugoslavia
- AMERICAN STUDIES Austria, Chile, China, Colombia, Costa Rica, Egypt, France, Hong Kong, Indonesia, Israel, Japan, Mali, Mexico, Netherlands, Norway, Philippines, Portugal, Romania, Saudi Arabia, Senegal, Spain, Sweden, Taiwan, Thailand, Tunisia, United Kingdom
- ANTHROPOLOGY Brazil, Bulgaria, Colombia, Greece, India, Japan, Korea, Netherlands, New Zealand, Pakistan, Philippines, Spain, Sudan, Sweden, U.S.S.R.
- ARCHAEOLOGY and MUSEOLOGY Indo-U.S., Peru, Syria
- ARCHITECTURE Australia, Indo-U.S., Jordan, Lebanon, Syria, Turkey, U.S.S.R.
- AREA and COUNTRY STUDIES Argentina, Bulgaria, Greece, Indonesia, Italy, Japan, Netherlands, New Zealand, Philippines, Singapore, Sweden, Taiwan, Turkey, U.S.S.R., United Kingdom
- ART Austria, Bulgaria, Honduras, Indo-U.S., Israel, Japan, Korea, Malaysia, Near East/South Asia, Netherlands, New Zealand, Pakistan, Peru, Spain, Syria, Taiwan, U.S.S.R., Yugoslavia
- ASTRONOMY U.S.S.R.
- BIOLOGY Africa, Australia, Colombia, Congo, Fiji, Finland, Honduras, India, Indo-U.S., Ivory Coast, Korea, Norway, Philippines, Sri Lanka, Sudan, Syria, U.S.S.R., Yugoslavia
- BOTANY Africa, Australia, Austria, Congo, Denmark, Ecuador, Egypt, Fiji, Honduras, India, Indo-U.S., Ireland, Korea, Portugal, Sudan, U.S.S.R.

- BUSINESS Africa, Austria, Barbados, Denmark, Gabon, Honduras, Hong Kong, Indo-U.S., Jordan, Lesotho, Liberia, Malaysia, Malta, Mauritania, Morocco, Nepal, New Zealand, Pakistan, Paraguay, Poland, Portugal, Sri Lanka, Syria, Taiwan, Tanzania, Thailand, Turkey, U.S.S.R., Upper Volta, Uruguay, Venezuela, Zambia
- CELL SCIENCE Australia, Austria, Congo, Egypt, Finland, India, Indo-U.S., Ireland, Ivory Coast, U.S.S.R., Uruguay
- CHEMISTRY Africa, Australia, Austria, Columbia, Congo, Ecuador, Egypt, Fiji, Honduras, India, Indo-U.S., Israel Ivory Coast, Korea, Liberia, Nicaragua, Niger, Norway, Pakistan, Philippines, Portugal, Syria, U.S.S.R., Uruguay, Yugoslavia
- COMMUNICATIONS (Also see JOURNALISM) Africa, Bahamas, Colombia, Guyana, Jamaica, New Zealand, Nicaragua, Turkey, U.S.S.R.
- COMPUTER SCIENCE Australia, Colombia, Ireland, Israel, Morocco, Netherlands, Norway, Turkey, U.S.S.R., Yugoslavia
- DANCE Austria, Malaysia, Peru
- EARTH SCIENCES Africa, Argentina, Australia, Austria, Fiji, Ivory Coast, Korea, Liberia, Nepal, Norway, Pakistan, Tanzania, Turkey, U.S.S.R., United Kingdom
- ECONOMICS Africa, Argentina, Barbados, Brazil, Cameroon, Colombia, Dominican Republic, France, India, Indo-U.S., Ireland, Israel, Italy, Ivory Coast, Japan, Jordan, Korea, Liberia, Mauritania, Mexico, Morocco, Near East/South Asia, Netherlands, Nicaragua, Norway, Pakistan, Peru, Philippines, Poland, Portugal, Senegal, Singapore, Spain, Sudan, Surinan, Sweden, Syria, Turkey, U.S.S.R. United Kingdom, Venezuela, Yugoslavia, Zambia
- ECOLOGY and ENVIRONMENT Brazil, Ecuador, Fiji, Honduras, Italy, Japan, Nepal, Netherlands, Sudan, Surinam
- EDUCATION Africa, Australia, Austria, Bahamas, Brazil, Cyprus, Egypt, Finland, Japan, Korea, Mexico, Near East/South Asia, Paraguay, Peru, Portugal, Spain, Sri Lanka, Syria, Taiwan, Thailand, Turkey, U.S.S.R., Uruguay
- ENGINEERING and TECHNOLOGY Africa, Argentina, Australia, Bahamas, Brazil, Colombia, Denmark, Ecuador, Egypt, Guyana, India, Ireland, Israel, Jordan, Korea, Liberia, Morocco, Near East/South Asia, Netherlands, New Zealand, Niger, Peru, Sudan, Syria, Trinidad-Tobago, Turkey, U.S.S.R., Uruguay, Zambia
- ENGLISH AS A FOREIGN LANGUAGE Algeria, Bahrain, China, Colombia, Congo, Ecuador, Gabon, Italy, Korea, Morocco, Nicaragua, Niger, Pakistan, Poland, Romania, Rwanda, Sudan, Sweden, Taiwan, U.S.S.R., Yugoslavia
- GEOGRAPHY Australia, Austria, Korea, Netherlands, Surinam, Syria, U.S.S.R.
- HISTORY (non-U.S.) Brazil, Dominican Republic, Indonesia, Japan, Netherlands, New Zealand, Syria, Taiwan, U.S.S.R.
- HOME ECONOMICS India
- HUMANITIES Italy, Korea, NATO, Peru, Spain, Syria
- INTERNATIONAL RELATIONS Argentina, France, Hong Kong, Korea, Mexico, Singapore, Thailand, Venezuela
- JOURNALISM Africa, Bahamas, Colombia, India, Jamaica, Japan, Portugal, Singapore, Sudan
- LABOR and INDUSTRIAL RELATIONS Australia, India, Korea, Sri Lanka
- LANGUAGES (non-U.S.) Indonesia, Syria
- LAW Australia, Austria, Brazil, Colombia, France, Indo-U.S., Ireland, Italy, Japan, Korea, Lesotho, Malaysia, Near East/South Asia, Spain, Syria, Tanzania, U.S.S.R.
- LIBRARY SCIENCE Greece, Nicaragua, Turkey, Venezuela
- LINGUISTICS Bulgaria, Colombia, Egypt, Finland, Guatemala, Indonesia, Ireland, Italy, Korea, Morocco, Netherlands, Poland, Romania, Sweden, Taiwan, U.S.S.R.
- LITERATURE (non-U.S.) Australia, Brazil, Bulgaria, France, Hong Kong, Israel, Jordan, Korea, New Zealand, Peru, Rwanda, Taiwan

- MATHEMATICS and STATISTICS Australia, Colombia, Ireland, Israel, Ivory Coast, Liberia, Morocco, Nicaragua, Niger, Norway, Philippines, Syria, Turkey, U.S.S.R., Zambia
- MEDICAL SCIENCES Africa, Australia, Congo, Denmark, Ecuador, Egypt, Finland, Indo-U.S., Near East/South Asia, Sri Lanka, Sudan, Uruguay
- MUSIC Austria, India, Israel, Korea, Malaysia, Netherlands, New Zealand, Peru, Uruguay
- NURSING Colombia, Iceland, Jordan
- PHARMACOLOGY Australia, Austria
- PHILOSOPHY Austria, Denmark, Iceland, India, Israel, Peru, Poland, Syria
- PHYSICAL EDUCATION Jordan, Mauritania
- PHYSICS Africa, Australia, Austria, Colombia, Congo, Fiji, Finland, Honduras, India, Israel, Korea, Liberia, Morocco, Nicaragua, Niger, Pakistan, Philippines, Portugal, Syria, U.S.S.R., Yugoslavia
- POLITICAL SCIENCE Africa, Argentina, Austria, Brazil, Colombia, Dominican Republic, France, Hong Kong, India, Israel, Italy, Japan, Korea, Mexico, Netherlands, New Zealand, Paraguay, Philippines, Poland, Singapore, Spain, Surinam, Taiwan, U.S.S.R., Venezuela
- PSYCHOLOGY Egypt, Greece, Israel, Italy, Korea, Netherlands, Philippines, Poland, Spain, Sweden, U.S.S.R.
- PUBLIC ADMINISTRATION Africa, Finland, Israel, Korea, Mauritania, Mexico, Nepal, Nicaragua, Pakistan, Portugal, Sri Lanka, Surinam, Swaziland, Upper Volta, Venezuela
- RELIGION Iceland, Sri Lanka
- SOCIAL SCIENCES Dominican Republic, France, Greece, India, Indonesia, Italy, Korea, Mexico, NATO, Netherlands, Spain
- SOCIAL WORK Bahamas, Taiwan
- SOCIOLOGY Australia, Austria, Brazil, Colombia, Dominican Republic, France, Greece, Iceland, India, Italy, Japan, Korea, Mexico, Netherlands, Paraguay, Peru, Philippines, Singapore, Taiwan, Uruguay, Venezuela
- THEATER Ivory Coast, Malaysia, Netherlands, New Zealand, Taiwan
- URBAN and AREA PLANNING Australia, Colombia, Japan, Korea, Mexico, Peru, Taiwan, Turkey, U.S.S.R., Venezuela

AWARDS FOR YOUNGER SCHOLARS

In the following countries there are one or more openings for which applications from younger scholars are invited; in some cases, an advanced Ph.D. candidate or recent Ph.D. is specifically requested. See also the index listing for English as a Foreign Language, for most of which countries an M.A. degree in TEFL is sufficient.

American Republics	Indonesia	Nicaragua
Australia	Italy	Niger
Colombia	Korea	Portugal
France	Mauritania	Rwanda
Germany	Morocco	Spain
Honduras	Netherlands	Taiwan
Iceland	New Zealand	Yugoslavia

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for lecturing _____ for research _____

My major field is _____
in which my highest degree is _____

☐ Registration form—for a person not registered and not available for 1981-82, but desiring announcements for a two-year period. A 5-digit number opposite the scholar's name on an address label indicates that the scholar is already registered.

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